Session 12[******](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)*** ( ready to use )***

***11/07/2017***

***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***

***I have uploaded Session 12 slides ( both presentations ) to*** [***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session 12 and answer questions.***

***DO NOT EDIT my original document. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

[***https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-\_qEeX538hwN\_gzjvMwApLNgOTjVU/edit***](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)

**Questions that we were covering at Session 12 during our live streaming. Also included in Interview Questions Sheet.**

What log collection tools do you know ?

What is ADB?

What ADB commands do you know ?

What is tethering ? What is this used for?

What is DialUp? What is this used for?

What is Tera Term?

What is QXDM?

How can you activate “Developer’s mode” on Android Device?

**Hands on activity:**

***Select any Banking Application. Letting you know that I have posted a Sample Test Cases ( selective ) to the same directory below. Just to give you an idea where to start and how to proceed.***

***Select Module/Component***

***Create as many test cases as you can. Both positive and negative***

***Post your Document in here***

[***https://drive.google.com/drive/folders/1jAu4BaWHoYRuh66yhtMcB3-s8-yaLHvJ***](https://drive.google.com/drive/folders/1jAu4BaWHoYRuh66yhtMcB3-s8-yaLHvJ)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Check homework tasks from Session 9 to Session 11.***

***Hands on activities included in each Homework . Please complete for your own benefit.***

***See you on Thursday, Nov 7th***

***-Natalia***

[******](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)*** ( ready to use )***

***11/03/2017***

***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***

***I have uploaded Session 11 slides to*** [***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session 11 and answer questions.***

***DO NOT EDIT my original document. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

[***https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-\_qEeX538hwN\_gzjvMwApLNgOTjVU/edit***](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Hands on activity. Walmart Web APP vs Walmart Native APP***

1. ***Access Walmart Website through browser on your Device***
2. ***Get familiar with options, menus and functionalities offered to customers***
3. ***Download native Walmart APP from Google Play or APP Store***
4. ***FInd differences in offered functionalities***
5. ***Describe testing approach between web app and mobile app***
6. ***Place your results here (create your own copy. yourskypename\_walmart)***

[***https://drive.google.com/drive/folders/1RH7TX\_Xpg-TFvM3HQheFDxeOq4sg0drs***](https://drive.google.com/drive/folders/1RH7TX_Xpg-TFvM3HQheFDxeOq4sg0drs)***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Hands on Activity.***

1. ***Use existing or download any game from APP Store or Google Play***
2. ***Use this checklist to go through the game and enter your results***

[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYYVVRZ0tKTmI2bHc***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYYVVRZ0tKTmI2bHc)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Session 9 and Session 10 Homework hands on activities are highly recommended to be completed for your own benefit.***

***See you on Monday, Nov 6th***

***-Natalia***

[******](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)*** ( ready to use )***

******

***10/31/2017***

***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***

***I have uploaded Session 10 slides to*** [***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session 10 and answer questions.***

***DO NOT EDIT my original document. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

[***https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-\_qEeX538hwN\_gzjvMwApLNgOTjVU/edit***](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)

**Review slides from session and prepare a story how to start testing an APP while there is no structure.**

**Refer to our Session interactions where I have asked you to create test cases for a simple Audio App with three Audios.**

**Where do you start?**

**What are the criterias ?**

**How to build a Test Suite “core ( base) “ test cases ?**

**What tests to apply first after an installation ?**

**What are the most important tests for mobile apps?**

***Select any APP of your Choice:***

***Using 22 points of Mandatory Tests slides , please create as many test cases as you can for one module or component .***

***Create positive and negative Test Cases .***

***Post in this Folder . Do not forget to include APP name , and screenshot if possible.***

[***https://drive.google.com/drive/u/0/folders/0B\_\_Jza6ZnWYYYTZOcG9aTnZLZEE***](https://drive.google.com/drive/u/0/folders/0B__Jza6ZnWYYYTZOcG9aTnZLZEE)

***If you haven’t done Homework # 9, please complete. For bullet point use this doc ( create your own copy )***

[***https://docs.google.com/document/d/1lSsWjCsjPgoMeaP7bGApOsVsjkfmE-By12y3p0J7LdQ/edit***](https://docs.google.com/document/d/1lSsWjCsjPgoMeaP7bGApOsVsjkfmE-By12y3p0J7LdQ/edit)

******

[******](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)*** ( ready to use )***

***10/27/2017***

***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***

***I have uploaded Session 9 slides to*** [***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session 9 and answer questions.***

***DO NOT EDIT my original document. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

[***https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-\_qEeX538hwN\_gzjvMwApLNgOTjVU/edit***](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)

***Please continue practice this table and adb commands***

***Read comments and examples and try to reproduce the commands and inputs. If you copy remove $ sign. This $ sign is indicating your path where adb.exe is located.***

[***https://docs.google.com/spreadsheets/d/1iBbBBojMk1GJK1FS\_436VToKaFbTkxKP\_YZYptjJ4m0/edit***](https://docs.google.com/spreadsheets/d/1iBbBBojMk1GJK1FS_436VToKaFbTkxKP_YZYptjJ4m0/edit)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Lomotif Bulletpoints***

***As we just finished LOMOTIF, using this document , please create 10 bullet points describing the project.***

[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZk5oQjRyYllBclk***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZk5oQjRyYllBclk)

***Post it in this folder : skypename\_project\_bp***

[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYcjhxbHBBbkRTWmc***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYcjhxbHBBbkRTWmc)

***Rephrase it in your own words. Don’t just copy and paste.   
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Continue with SocialPetals regression tests***

***Continue with SecureKeyboard regression tests***

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Open any application that you have on your phone***

[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYWDlVT1ByTkpGcjg***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYWDlVT1ByTkpGcjg)

***Using this document try to “play around” with your app.***

***Create your own copy in Google Sheets . Enter results in the Field “Pass or Fail” ( remove N/A )***

***Post in this folder: name it :” yourskypename\_appchecklist”***

***This task will be due next Thursday , just not to overwhelm you over the weekend***

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Continue to practice adb commands and shell commands with your Android Device***

***-Natalia***

[******](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)*** ( ready to use )***

***10/24/2017***

***Dear Students.***

***I posted a document but here the transcript you may start working on. Scroll down for more homework after this transcript .***

[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYNlZwS0wzanoxczA***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYNlZwS0wzanoxczA)

***HOW TO INSTALL \*APK on your Android Device using ADB command line tool  
  
1. Go to APK folder on our Google Drive***[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYNlZwS0wzanoxczA***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYNlZwS0wzanoxczA)

***2. Find com.united.mobile.111  
(I changed an extension of \*.apk to \*.111 to more convenience when you copy this file to your computer)  
3. Download or copy this com.united.mobile.111 to the same directory when you have your SDKplatform tools and where your ADB.EXE is located.  
Same directory……  
4. Change an extension of com.united.mobile.111 to com.united.mobile.apk  
5. Connect your device to Android Studio , follow instructions previously given to setup connection to Monitor  
6. Run command : adb devices  
7. You should see your device serial number listed ( we went through it)  
8. If you have both Real device and Emulator-5554   
Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxфв  
 Exercise 1:   
Connect ONE Device – REAL : example with serial number 1111  
1. adb devices   
2. adb install “com.united.mobile.apk”  
3. adb shell ( will take you to the lower level)  
4. pm list packages | grep united   
this will show the name of the package for United app   
5. type exit to go back 1 level where you use adb  
6. adb uninstall “com.united.mobile.android”  
Same command lines go when only Emulator-5554 is running and no Real device is connected  
  
  
Exercise 2:   
Create AVD and run it using green arrow from AVD Manager.  
Connect your Real Device if not there yet.  
Wait for Device to show up in your Screen.  
1. adb devices ( will show two lines of devices)  
example :   
emulator-5556 device  
1010101 device  
  
To install app on a real device: we need to separate devices in command line  
2. adb -s 1010101 install “com.united.mobile.apk”  
3. adb -s 1010101 shell ( will take you to the lower level)  
4. pm list packages | grep united   
this will show the name of the package for United app on a real device  
5. type exit to go back 1 level where you use adb  
  
To uninstall app on a real device: we need to separate devices in command line  
6. adb -s 1010101 uninstall “com.united.mobile.android”   
  
  
Exercise 3:   
To install app on an emulator-5554 device: again we need to separate devices in command line  
7. adb -s emulator-5554 install “com.united.mobile.apk”  
8. adb -s emulator-5554 shell ( will take you to the lower level)  
9. pm list packages | grep united   
this will show the name of the package for United app on a real device  
10. type exit to go back 1 level where you use adb  
  
To uninstall app on an emulator-5554 device: again we need to separate devices in command line  
11. adb -s emulator-5554 uninstall “com.united.mobile.android”   
  
Please remember we only use APK during an installation.  
All other commands go with a name of a package .***

***I have uploaded Session 8 slides to*** [***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session 8 and answer questions.***

***DO NOT EDIT my original document. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

[***https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-\_qEeX538hwN\_gzjvMwApLNgOTjVU/edit***](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)

***Please continue practice this table and adb commands***

***Read comments and examples and try to reproduce the commands and inputs. If you copy remove $ sign. This $ sign is indicating your path where adb.exe is located.***

[***https://docs.google.com/spreadsheets/d/1iBbBBojMk1GJK1FS\_436VToKaFbTkxKP\_YZYptjJ4m0/edit***](https://docs.google.com/spreadsheets/d/1iBbBBojMk1GJK1FS_436VToKaFbTkxKP_YZYptjJ4m0/edit)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Lomotif : Scenarios 17-22***

***Test Matrix with scenarios***

[***https://docs.google.com/spreadsheets/d/1QRKdKAsV-a7a8wZbLslWe6K0BJlEs90XjmHkftqSndQ/edit***](https://docs.google.com/spreadsheets/d/1QRKdKAsV-a7a8wZbLslWe6K0BJlEs90XjmHkftqSndQ/edit)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Continue with SocialPetals , regression testing ( iOS) and Secure Keyboard ( for Android)***

***See you Thursday,***

***Natalia***

[******](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)*** ( ready to use )***

***10/19/2017***

***I have uploaded Session 7 slides already to*** [***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session 7 and answer questions.***

***DO NOT EDIT my original document. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

[***https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-\_qEeX538hwN\_gzjvMwApLNgOTjVU/edit***](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Please let’s practice this table and adb commands***

***Read comments and examples and try to reproduce the commands and inputs. If you copy remove $ sign. This $ sign is indicating your path where adb.exe is located.***

[***https://docs.google.com/spreadsheets/d/1iBbBBojMk1GJK1FS\_436VToKaFbTkxKP\_YZYptjJ4m0/edit***](https://docs.google.com/spreadsheets/d/1iBbBBojMk1GJK1FS_436VToKaFbTkxKP_YZYptjJ4m0/edit)

***I also uploaded the Technical Part of the Final Test that I’m giving here in School for Mobile APP Testing Program.***

[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYblBWUmdzRFNZM0k***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYblBWUmdzRFNZM0k)

***Please practice as well, it’s the most common “show\_me\_how” at the interview***

***I will let you learn ADB table until Monday. And not giving you any other tasks, it’s plenty to work on***

***See you on Monday, Oct 23rd***

***Natalia***

[******](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)******

***10/17/2017***

***Dear Students,***

***If you are having problem connecting devices to Android Studio, it’s mandatory to first read this document***

[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYYnJhbF9SZmtxN2s***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYYnJhbF9SZmtxN2s)

***Hints are there, it may help you greatly***

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***I have uploaded Session 6 slides already to*** [***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session 6 and answer questions.***

***DO NOT EDIT my original document. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

[***https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-\_qEeX538hwN\_gzjvMwApLNgOTjVU/edit***](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit) ***(ready to use )***

***Link to Bugzilla , Lomotif Project ( DO NOT FILE ANY BUGS)***

***<http://bugzilla.portnov.com/>***

***login: lomotif\_jan3@portnov.com ( case sensitive)***

***password: welcome010317 ( case sensitive)***

***( AGAIN : DO NOT FILE ANY BUGS UNTIL WE ARE DONE WITH REGRESSION TEST)***

***Go through Bugs : new ( in front of line ) : #9259,#9240,#9238 and go through from # 7863 to # 7851 ( ignore the bugs that are in grey columns in our main table)***

***Enter your results into our Main Table :***

[***https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD\_nqc/edit?usp=drive\_web***](https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD_nqc/edit?usp=drive_web)

***Open - if you are able to reproduce it***

***U/R - if you are unable to reproduce it***

***N/A- if you are unable to follow exact steps to reproduce this bug***

***DOWNLOAD YOUR OWN COPY of Testers Regression Testing Checklist***

***( originally it was made for iOS, but you may adjust some options to fit your device settings)***

***Using the Media that you have downloaded from Media Folder , select few files ( not all of them ) and start testing Scenarios 12-16***

***Test Matrix with scenarios***

***https://docs.google.com/spreadsheets/d/1QRKdKAsV-a7a8wZbLslWe6K0BJlEs90XjmHkftqSndQ/edit***

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Team Leaders only : Same task each session, please send me a list ( better post it as a table in Lomotif Directory )***

***In our Main Table , bugs from Bugzilla ( Lomotif )***

***Please check the bug column for Test Results ( both for iOS and Android )***

***If all or above 80% entries have result : N/A or U/R -->grey out the bug number filed.***

***Send me the summary ( numbers only ) - I will change status from Open to Closed in our Bugzilla Bug Tracking Database.***

***Thanks a lot for your help***

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***I don’t see a lot of Tables for Social Petals. Please start verification***

***SocialPetals ( this APP for iOS devices only) For Android -->scroll down for SecureKeyboard Project***

***DO NOT CREATE A COMMUNITY , again DO NOT CREATE A COMMUNITY ( this is a live APP in production )***

***Enter your information in the first tab , write your number down. CLOSE THIS DOCUMENT .***

[***https://docs.google.com/spreadsheets/d/1WfQsTadFgHPTEgOjLxqTKuL7s7qm395E7U0BKGcf9iU/edit#gid=2117213599***](https://docs.google.com/spreadsheets/d/1WfQsTadFgHPTEgOjLxqTKuL7s7qm395E7U0BKGcf9iU/edit#gid=2117213599)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Secure Keyboard***

***Download APP and get familiar***

***Bugzilla Bug Tracking for Secure Keyboard . First get familiar with already filed bugs. No need to enter any info into our table : YET . The fields will be updated later ( SK\_Android Tab)***

[***https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD\_nqc/edit#gid=1080495568***](https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD_nqc/edit#gid=1080495568)

***Enter your Skype name and Device INFO , so I would know how many testers are participating***

***bugzilla.portnov.com***

***login : Seckeyb@gmail.com***

***pw : secure***

***all case sensitive***

***See you on Thursday, October 19th***

***-Natalia***

***  (ready to use )***

***10/13/2017***

***I have uploaded Session 5 slides already to*** [***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session 5 and answer questions.***

***DO NOT EDIT my original document. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

[***https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-\_qEeX538hwN\_gzjvMwApLNgOTjVU/edit***](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)

***Link to Bugzilla , Lomotif Project ( DO NOT FILE ANY BUGS)***

***<http://bugzilla.portnov.com/>***

***login: lomo***[***https://www.google.com/url?q=http%3A%2F%2Fbugzilla.portnov.com%2F***](https://www.google.com/url?q=http%3A%2F%2Fbugzilla.portnov.com%2F)***tif\_jan3@portnov.com ( case sensitive)***

***password: welcome010317 ( case sensitive)***

***( AGAIN : DO NOT FILE ANY BUGS UNTIL WE ARE DONE WITH REGRESSION TEST)***

***Go through Bugs : through #7869 through #7897 ( ignore the bugs that are in grey columns in our main table)***

***Enter your results into our Main Table :***

[***https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD\_nqc/edit?usp=drive\_web***](https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD_nqc/edit?usp=drive_web)

***Open - if you are able to reproduce it***

***U/R - if you are unable to reproduce it***

***N/A- if you are unable to follow exact steps to reproduce this bug***

***DOWNLOAD YOUR OWN COPY of Testers Regression Testing Checklist***

***( originally it was made for iOS, but you may adjust some options to fit your device settings)***

***Using the Media that you have downloaded from Media Folder , select few files ( not all of them ) and start testing Scenarios 6-11***

***Test Matrix with scenarios***

[***https://docs.google.com/spreadsheets/d/1QRKdKAsV-a7a8wZbLslWe6K0BJlEs90XjmHkftqSndQ/edit***](https://docs.google.com/spreadsheets/d/1QRKdKAsV-a7a8wZbLslWe6K0BJlEs90XjmHkftqSndQ/edit)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Team Leaders only :***

***In our Main Table , bugs from Bugzilla ( Lomotif )***

***Please check the bug column for Test Results ( both for iOS and Android )***

***If all or above 80% entries have result : N/A or U/R -->grey out the bug number filed.***

***Send me the summary ( numbers only ) - I will change status from Open to Closed in our Bugzilla Bug Tracking Database.***

***Thanks a lot for your help***

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***SocialPetals ( this APP for iOS devices only) For Android -->scroll down for SecureKeyboard Project***

***DO NOT CREATE A COMMUNITY , again DO NOT CREATE A COMMUNITY ( this is a live APP in production )***

***Enter your information in the first tab , write your number down. CLOSE THIS DOCUMENT .***

[***https://docs.google.com/spreadsheets/d/1WfQsTadFgHPTEgOjLxqTKuL7s7qm395E7U0BKGcf9iU/edit#gid=2117213599***](https://docs.google.com/spreadsheets/d/1WfQsTadFgHPTEgOjLxqTKuL7s7qm395E7U0BKGcf9iU/edit#gid=2117213599)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx[https://docs.google.com/spreadsheets/d/1WfQsTadFgHPTEgOjLxqTKuL7s7qm395E7U0BKGcf9iU/edit#gid=2117213599](https://docs.google.com/spreadsheets/d/1WfQsTadFgHPTEgOjLxqTKuL7s7qm395E7U0BKGcf9iU/edit" \l "gid=2117213599)xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Open and Save your own copy of this other document “ Your Copy of Social Petals Bugs”. Rename to your number that your written down and skype name ( exp : 00000044\_Vasya\_Pupkin\_SocialPetals )***

[***https://docs.google.com/spreadsheets/d/1hxzRoMOeeNLEYU6idlXNMxUYH1x2y0VhkW5T6Q3EVYw/edit#gid=39466749***](https://docs.google.com/spreadsheets/d/1hxzRoMOeeNLEYU6idlXNMxUYH1x2y0VhkW5T6Q3EVYw/edit#gid=39466749)

***Open Document and In the last column Enter your Test Results :***

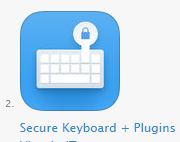
***Open***

***Fixed***

***DO not enter any more issues unless you went through all of them , please. Duplicates are BAD.***

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Secure Keyboard***

******

***Our new project is from AnchorFree . VPN Secure Keyboard. THIS IS FOR ANDROID DEVICES***

***With Hotspot Shield Secure Keyboard, you are able to get fast and secure access to Hotspot Shield VPN, Google Search, YouTube, Kaboom, Dropbox and more directly from your keyboard, without having to open up the apps! You can also customize the keyboard with different skins to add a touch of personalization.***

1. [***https://play.google.com/store/apps/details?id=com.northghost.securekeyboard&hl=en***](https://play.google.com/store/apps/details?id=com.northghost.securekeyboard&hl=en)
2. [***http://venturebeat.com/2016/03/25/vpn-stalwart-anchorfree-brings-kaboom-self-destructing-messages-to-ios-as-a-mobile-keyboard-app/***](http://venturebeat.com/2016/03/25/vpn-stalwart-anchorfree-brings-kaboom-self-destructing-messages-to-ios-as-a-mobile-keyboard-app/)

***Download APP and get familiar***

***Bugzilla Bug Tracking for Secure Keyboard . First get familiar with already filed bugs. No need to enter any info into our table : YET . The fields will be updated later ( SK\_Android Tab)***

[***https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD\_nqc/edit#gid=1080495568***](https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD_nqc/edit#gid=1080495568)

***Enter your Skype name and Device INFO , so I would know how many testers are participating***

***bugzilla.portnov.com***

***login : Seckeyb@gmail.com***

***pw : secure***

***all case sensitive***

***See you on Monday, October 16th***

***-Natalia***

***  ( ready to use )***

***UPDATE : 10/10/2017***

***- link to main table is replaced with correct one.***

[***https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD\_nqc/edit?usp=drive\_web***](https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD_nqc/edit?usp=drive_web)

***- students accidentally removed Android Studio folder . It’s restored now***

[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYYnJhbF9SZmtxN2s***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYYnJhbF9SZmtxN2s)

***10/05/2017***

***Dear Students,***

***If you have a problem with Android Studio installation, please contact your Team Leaders first, they are very open and approachable to help you.***

***Do not yet connect your devices, we will do it in class together. Just install Android Studio on your PC/MAC or Laptop***

***I have uploaded Session 4 slides already to*** [***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session 4 and answer questions.***

***DO NOT EDIT my original document. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

[***https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-\_qEeX538hwN\_gzjvMwApLNgOTjVU/edit***](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

***Lomotif :***

***Media Folder for Recorded Content from your Devices that FAILED Playback is now available. Read instructions below how to upload your files.***

***Go to this folder :***

[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYc0RmdEhKajd2RFU***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYc0RmdEhKajd2RFU)

1. ***Select iOS or Android for the media that you have created***
2. ***Create another folder with exp. iPhone6\_10.3.2\_skypename ( or SamsungGalaxyS6\_6.x\_skypename)***
3. ***Download your Media***

***These problem media is a great way to show Lomotif where to fix problems. Thank you for helping.***

***( DO NOT FILE ANY BUGS UNTIL WE ARE DONE WITH REGRESSION TEST)***

***It’s time to get familiar with our Bugzilla Bug Tracking Database.***

***Link to Bugzilla , Lomotif Project ( DO NOT FILE ANY BUGS)***

***<http://bugzilla.portnov.com/>***

***login: lomotif\_jan3@portnov.com ( case sensitive)***

***password: welcome010317 ( case sensitive)***

***( AGAIN : DO NOT FILE ANY BUGS UNTIL WE ARE DONE WITH REGRESSION TEST)***

***Go through Bugs : through #9131 through #7897 ( ignore the bugs that are in grey columns in our main table)***

***Enter your results into our Main Table :***

[***https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD\_nqc/edit?usp=drive\_web***](https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD_nqc/edit?usp=drive_web)

***Open - if you are able to reproduce it***

***U/R - if you are unable to reproduce it***

***N/A- if you are unable to follow exact steps to reproduce this bug***

***DOWNLOAD YOUR OWN COPY of Testers Regression Testing Checklist***

***( originally it was made for iOS, but you may adjust some options to fit your device settings)***

***Using the Media that you have downloaded from Media Folder , select few files ( not all of them ) and start testing Scenarios 1-5***

***Test Matrix with scenarios***

[***https://docs.google.com/spreadsheets/d/1QRKdKAsV-a7a8wZbLslWe6K0BJlEs90XjmHkftqSndQ/edit#gid=734270909***](https://docs.google.com/spreadsheets/d/1QRKdKAsV-a7a8wZbLslWe6K0BJlEs90XjmHkftqSndQ/edit#gid=734270909)

***See you soon!***

***-Natalia***

***  ( ready to use )***

***10/03/2017***

***Thank you Team Leaders for helping out.***

***Dear Students, with all questions first contact your Leaders. “Hard” questions go to me :)***

***TEAM LEADERS : please list your names in here***

***1. Timur Fayzullin (Android)***

***2.Alexey Lyutik (Android)***

***3.Gleb Martsinkevich (Android)***

***4.Archie Titov (iOS)***

***5.Natalia Papeta (iOS)***

***6. Tania Yakimets (iOS)***

***7. if more than 6 :)***

***ANDROID STUDIO ( only to be installed on your PC/MAC/Laptop, not on your mobile device )***

***This could go for a few days, as Android Studio installation and setup can take some time.***

1. ***Download Android Studio from*** [***https://developer.android.com/studio/index.html***](https://developer.android.com/studio/index.html)
2. ***When downloading , ALSO select SDK TOOLS ( adb , which is Andoid Debugging Bridge resides in these TOOLS )***
3. ***Follow instructions a\_READ\_FIRST\*.docs for MAC and WINDOWS in this folder*** [***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZmFTYnc0ODBYLXc***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZmFTYnc0ODBYLXc)

***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

***Session 3 Presentation is now posted in***[https://drive.google.com/drive/folders/0B\_\_Jza6 ZnWYYZG9XdHJrSFV5ZzQ](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session3 and answer questions.***

***DO NOT EDIT my original document. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

[***https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-\_qEeX538hwN\_gzjvMwApLNgOTjVU/edit***](https://docs.google.com/document/d/1f-ZzHDZhMX0AY0-_qEeX538hwN_gzjvMwApLNgOTjVU/edit)

***Let’s continue to roll with our Mobile APP Testing***

***Lomotif :***

***Please READ: you will find plenty of Bugs while working on Lomotif.***

***Although I understand an urge and excitement in finding them , we do have a Bug Tracking Database where all previous finding are documented.***

***We will need to perform a regression test on these first ( access to Bugzilla will be given later) and then we will be filing a new ones.***

***TASK 1***

1. ***Download MSQRD app from Google Play Store or APP Store***
2. ***Create 1 Image File***
3. ***Create 1 Video File***

***Play around with stickers , other available options ( have fun with it :)***

***4. Save and playback***

***5. If everything ( 1-5 ) looks good , then playback these Image and Video Files through Lomotif.***

***6. Enter Pass or Fail Results into our Main Table ( columns are added and ) N/A - for non applicable entries***

***TASK 2***

***Battery Consumption Test :***

1. ***Lomotif***

***a)Uninstall Lomotif App***

***b)Connect charger and wait until your device is fully charged***

***c) Install Lomotif***

***d) Play with Lomotif App for 15 min (no stress testing)***

***e) Check % of Power consumed***

***f) Enter your result in an appropriate column in Reference Table.***

***(The number should indicate % of Power consumed, not the remaining life)***

***TASK 3***

***Perform Interruption Tests while Playing Lomotif ( better when you are creating project, saving it, applying stickers - the heavier the load , the better )***

1. ***Voice Calling***
2. ***SMS***
3. ***Alarm Clock***
4. ***Charger Test***
5. ***Lomotif Open/Close***

***Enter your results into the table***

[***https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD\_nqc/edit?usp=drive\_web***](https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD_nqc/edit?usp=drive_web)

***Preparing for the Project Testing : Link below ( read first)***

[***https://drive.google.com/drive ff/folders/0B\_\_Jza6ZnWYYTE9Ra0JjRGF2RTQ***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYTE9Ra0JjRGF2RTQ)

***Please Download a specific Media subfolders to your Devices .***

***This Media is sent to us by Lomotif).***

***Get familiar with content. ( no need to report anything yet)***

***Android Users : Audio Media, Special Media, Position\_me.jpg and test\_media\_5x***

***( use iTunes or other tool ) iOS Users : Audio Media, Special Media, Position\_me.jpg and test\_media\_6S***

***Note for iOS Users: on some devices it is possible that not ALL test\_media\_6S files would be downloaded to your device, because of unsupported formats. Please use your own media files and those that were able to download from Media Files Folder.***

***Should be no issues with Android OS.***

[***https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYR0ZNdld3UE1ORE0***](https://drive.google.com/drive/folders/0B__Jza6ZnWYYR0ZNdld3UE1ORE0)

***Our Lomotif Project is very structured and do have Test Plan with Test Cases;***

***Get familiar ( play around with it, but do not fill out yet ). We would need to go through this document and test with special Media.***

***This Table is created for iOS devices. If you have an android , please apply logical approach. If you are able to complete the task using a different steps ( like OS doesn’t have an “hamburger” icon ) then it passes.***

***Download your own copy:***

[***https://docs.google.com/spreadsheets/d/1QRKdKAsV-a7a8wZbLslWe6K0BJlEs90XjmHkftqSndQ/edit#gid=734270909***](https://docs.google.com/spreadsheets/d/1QRKdKAsV-a7a8wZbLslWe6K0BJlEs90XjmHkftqSndQ/edit#gid=734270909)

***Wait for more instructions @session #4…..***

***See you on Thursday, Oct 5th***

***-Natalia***

***  ( ready to use)***

***9/28/2017 Homework due Monday, October 2nd , 2017***

***Dear Students, Go to Session 1 Homework ( below) before reading Homework 2. Jhhhh***

***Please READ Carefully entire instructions before proceeding with testing.***

***Session 2 Presentation is now posted in***

[**https://drive.google.com/drive/folders/0B\_\_Jza6ZnWYYZG9XdHJrSFV5ZzQ**](https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ)

***Please go through Interview Questions for Session1 and Session2 and answer questions.***

***DO NOT EDIT my original documents. Please download your own copy and keep it on your PC/MAC . No need to send or post your document.***

***ab***

**FIRST PROJECT** [**https://drive.google.com/open?id=0B6X0eq2PUicGWDlRdDNUN0VpaUE**](https://drive.google.com/open?id=0B6X0eq2PUicGWDlRdDNUN0VpaUE)

***What is Lomotif? DOWNLOAD it from APP Store or Google Play***

***Please watch this Video to get familiar with our app. You will include it in your resume!Let's ROLL :)***

[***https://www.youtube.com/watch?v=ifOEKai5Gn0&feature=youtu.be***](https://www.youtube.com/watch?v=ifOEKai5Gn0&feature=youtu.be)

***In Homework 1 you have created a Media Files, which we will use now, doing our Homework after Session 2.***

***USE YOUR DEVICE (Mobile Phone)***

[**https://drive.google.com/open?id=0B6X0eq2PUicGWDlRdDNUN0VpaUE**](https://drive.google.com/open?id=0B6X0eq2PUicGWDlRdDNUN0VpaUE)

***1. Open Gallery or Albums where you Files are stored***

***2. Check Preview (Thumbnail), verify it’s not empty and the picture (frame) is stored.***

***3. Tap to Playback ( your default Media Player)***

***4. Playback Media Files that you have recorded. Verify that there are no black screens , uvideo or picture corruption.***

***LOMOTIF is a Native APP, used by 5.5 million users all over the world.***

***Lomotif is the simplest way to add music to your moments. You can create hyper-short, super shareable music videos in 3 simple steps. The app allows users to cherry-pick from over a billion songs to instantly and automatically create visual mash-ups.***

***It’s developed for both iOS and Android.***

***+***

***It’s a live Project and we have a continuing feedback from the development team, live Bug Tracking Database and Test Suits, which were created by Lomotif***

***11.******The MEDIA that you have created should be picked by APP and placed in a FOLDER at “ADD PHOTOS AND VIDEOS” (depending on Device this screen with Albums may look a little different. Any way it’s going to be a second screen (page) after HOME PAGE.***

***12.******Playback ALL the Media Files .***

***(Select , press next ( > on the top) , do not select Music, proceed to next screen.***

***Please note the Media that is not playable ( or Playback is corrupted ( not normal) , make the following entries in our main table.***

***PASS – if no problem***

***Fail – if playback is corrupted***

***N/A – if you were unable to create an original format on your device.***

[***https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD\_nqc/edit***](https://docs.google.com/spreadsheets/d/1sUBiLlZLJl1D9A7tj4Jsogjvy4rx9G5WVSOaFGD_nqc/edit)

*** ***

***9/25/2017***

Dear Students,

It’s been a pleasure to begin our Mobile App Testing Sessions with you.

Our Slides Homework as well as Presentations from each session is going to be included in this doc and latest ones are always going to be on top.

<https://drive.google.com/drive/folders/0B__Jza6ZnWYYZG9XdHJrSFV5ZzQ>

Our Main Table is here. This document will be showing Project Progress.

<https://drive.google.com/drive/folders/0B__Jza6ZnWYYd0FTdk80d1Etakk>

Looks like you guys are so good in finding team leaders , great job :) Thank you

1. I would need 6 people to be a pme extra time to answer questions in a chat room, deliver information from me , know how to manage Google Sheets , supervise data entry , collect problem media and overall have be a nice and helpful people who is patient and courteous.

From our side – volunteer’s activity would be reflected in a resume as extra points.

1. Team Leaders: create a separate Group on Skype , name it “Leaders\_Aug24\_2017” and invite me and **Kristina Dzyuba** ( your Program Supervisor).
2. Copy of incompatible Devices that wouldn’t be able to participate in our project. Please get another device.

Please add your device name and info here if different : <https://docs.google.com/spreadsheets/d/1nWnANkpC03pnItcRJcfFNaUXyW-Q3S9KIJLH9r0UUss/edit>

**My message to all :** Please READ all instructions CAREFULLY and FOLLOW them.

Our course is very structured and if for some reason you don’t know what to do next, this means you haven’t been guided yet to make a next step or did not proceed with given instructions.

Ask your Team leaders and group members first and “hard” cases will be forwarded to me.

I will not be participating in a Chat Room because of my schedule in a classrooms however I could be reached via Skype ( **nstefanioutine@gmail.com** ) or email [sqamobilemgr@gmail.com](mailto:sqamobilemgr@gmail.com)

Link to our INFO doc :

<https://docs.google.com/document/d/1xtUezoADr569JQFcLyrXpa0ACPETJG8KImXxOkV1kJI/edit>

Let’s ROLL with our first task and prepare a **Testing Multimedia Files** for our future Project that will be included in your Resume.

No need to send it in or do anything else at this point. Just Record Videos, take pictures and rename it accordingly. (You might want to connect your Device to PC/Laptop to rename files)

**NOTE 1:** To take upside-down picture/or video you will need just to rotate your phone to the position where camera “window” is down.

**NOTE2:** some Camera and Video Settings might not be available for your particular Device (Phone). Also, Settings do vary from Device to Device.

**NOTE3:** Rotating your Phone to the right or left will give you a Landscape Mode (16:9)

=Otherwise it’s in 4:3 (Portrait)

If this is a case, please prepare Files that are only applicable for your Device (Phone). Instructions and Screenshots are below.

***Record Video Files :***

Rename files ( best to use PC or MAC) . Example : you have recorded a video from front camera, portrait 4:3 layout, in 720p ( from task 1)

Rename a file to : **fc\_prt\_720p.\***

(for landscape 16:9 layout the file name is fc\_**lsp**\_720p.\*

1. PANORAMA photo : 2

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Android Samsung

1. Tap on Camera Icon 
2. Tap a Setting Wheel, Select Photo Icon and Select desired option. Complete required task ( below)



1. Repeat #2 for Video.



For IPhone : Go to Settings





