

FIT5046 Assignment 3 (Android App Development and Demo) 40% - S1, 2024 - Rubric

Group ID/Name:Group1

FIT5046 Assessment 3 – Rubric for the Group based on Android project and demo

| Excellent (HD and HD+) | Very Good (D) | Good (C) | Satisfactory (P) | Needs improvement |
|--|--|--|--|--|
| <ul style="list-style-type: none"> ● Full and excellent implementation of all the key features and the advanced features ● Full functionality of all the key and advanced features without any issues or crashes ● Handling all the <u>exceptions</u> and user <u>data entry validation</u> ● Carefully following the <u>coding standards</u>, use of <u>meaningful naming</u>, providing brief and <u>useful comments</u>, <u>avoiding code repetition</u> ● Carefully following key <u>user interface design guidelines</u> (Lecture 7) ● The <u>zip file</u> includes all files as requested including the Android project, the <u>demo video</u> and <u>the screenshots report</u> ● The app exceeds the requirements and showing creativity and originality | <ul style="list-style-type: none"> ● Implementation of all the key features and advanced features but with some minor issues ● Functionality of all the key and advanced features but with minor issues ● Handling most of the <u>exceptions</u> and user <u>data entry validation</u> ● Following most of the <u>coding standards</u>, use of <u>meaningful naming</u>, providing brief and <u>useful comments</u>, <u>avoiding code repetition</u> ● Following most of the <u>user interface design guidelines</u> ● The <u>zip file</u> includes the Android project, the <u>demo video</u> but minor issues with the report or contents of the file ● Does not exceed but meets the expectations | <ul style="list-style-type: none"> ● Implementation of most of the key features with some attempts towards advanced features ● Issues with <u>functionality</u> of some features, and crashes ● Handling some or a few of the exceptions and user <u>data entry validation</u> ● Following some or a few of the coding standards, use of <u>meaningful naming</u>, providing brief and <u>useful comments</u>, <u>avoiding code repetition</u> ● Following some of the <u>user interface design guidelines</u> (e.g. consistency of colour, font size and type, sizes of widgets, style & avoiding clutter) ● The <u>zip file</u> missing a file or the files are not created as specified ● Mostly meets the expectations | <ul style="list-style-type: none"> ● Implementation missing some of the key features or advanced features ● Issues with functionality of features, when running the app there are many issues or it crashes ● The <u>exceptions</u> are not mostly handled and user <u>data entry validation</u> not done ● Little or none followed regarding <u>coding standards</u>, use of <u>meaningful naming</u>, providing brief and <u>useful comments</u>, <u>avoiding code repetition</u> ● Little or none followed regarding the <u>user interface design guidelines</u> (e.g. consistency of colour, font size and type, sizes of widgets, style & avoiding clutter) ● The <u>zip file</u> missing some required files and not created as specified ● Almost meets the expectations | <ul style="list-style-type: none"> ● Implementation missing most of the key features and advanced features ● Poor functionality of features, when running the app there are many issues or it crashes ● The <u>exceptions</u> are not handled and user <u>data entry validation</u> not done ● Not following coding standards, use of <u>meaningful naming</u>, providing brief and <u>useful comments</u>, <u>avoiding code repetition</u> ● Not following the <u>user interface design guidelines</u> (e.g. consistency of colour, font size and type, sizes of widgets, style & avoiding clutter) ● The <u>zip file</u> missing required files and not created as specified ● Not meeting the expectations |

FIT5046 Assignment 3 (Android App Development and Demo) 40% - S1, 2024 Marking Guide and Rubric

Group ID/Name: Group1

Student name: Ziqi Pei

FIT5046 Assessment 3 – Rubric for **each group member** based on the interview

| Excellent (HD and HD+) | Very Good (D) | Good (C) | Satisfactory (P) | Needs improvement |
|--|---|---|--|---|
| <ul style="list-style-type: none"> • Very prepared and prompt in answering questions • Deep understanding of the <u>written code and what is their purpose</u> • Deep understanding of <u>how different parts of the project work together</u> • Answers are all correct | <ul style="list-style-type: none"> • Almost prepared and prompt in answering questions • An understanding of the <u>written code and what is their purpose</u> • An understanding of <u>how different parts of the project work together</u> • Answers are mostly correct | <ul style="list-style-type: none"> • Somewhat prepared and prompt in answering questions, shows little doubts and hesitation • Average understanding of the <u>written code and what is their purpose</u> • Average understanding of <u>how different parts of the project work together</u> • A few answers are not correct | <ul style="list-style-type: none"> • Somewhat prepared and prompt in answering questions, shows some doubts and hesitation • Average understanding of the <u>written code and what is their purpose</u> • Average understanding of <u>how different parts of the project work together</u> • Some answers are not correct | <ul style="list-style-type: none"> • Not prepared and not prompt in answering questions, shows doubts and hesitation • Little understanding of the <u>written code and what is their purpose</u> • Little understanding of <u>how different parts of the project work together</u> • Answers are all or mostly incorrect |

| | | Description |
|-----------------|-----|---|
| Group mark | 60 | Completion, functionality, correctness of all the tasks and requirements (equal for each group member) |
| Individual mark | 40 | Individual Interview 40% (promptness, correctness, and level of understanding (individual mark)) |
| Total mark | 100 | This is worth 40% of the total mark of the unit (40 marks) |

FIT5046 Assignment 3 (Android App Development and Demo) 40% - S1, 2024 Marking Guide

Group ID/Name:

Student name:

| Task | Requirements | Marks | Task Marks |
|------|---|-------|------------|
| 1 | Login screen | | 7 /10 |
| | - the screen to login/sign-in (using an email and password) with an option to navigate to the Signup screen. | 4 | |
| | - Input validation and error messages implemented | 2 | |
| | - Two password guidelines are followed and mentioned in the report. | 4 | |
| | Validation can be improved, 2 password guidelines should an be followed better | | |
| 2 | Home Screen and Retrofit | | 18 /20 |
| | - Use Compose Navigation drawer or Bottom bar for navigation to other screens (navigation destinations for main screens) | 10 | |
| | - Display some related and meaningful information that is retrieved from a public API using retrofit (e.g. weather or news) | 10 | |
| | The usage of Retrofit can be improved | | |
| 3 | Form (Data Entry) Screen (this can be a signup/register screen, or a profile screen, or a different form) | | 5 /10 |
| | - this screen must include these compose UI widgets in addition to text fields: date picker and Expanded dropdown menu . | 2 | |
| | - data entered is checked and validated when necessary and error messages are displayed. | 2 | |
| | - there are options to Save and Cancel . | 2 | |
| | - the app also provides an Update option that later the user can edit their data (entered in this form), and Save the changes. | 2 | |
| | - Four form design guidelines are followed and mentioned in the report. | 2 | |
| | 4 form design guidelines should be followed, missing necessary validation and error messages | | |
| 4 | Map or Report Screen | | 7 /10 |
| | - The app displays the location of the user based on their valid address on a map OR | 10 | |
| | - The app displays a graph report (e.g. bar chart or pie chart) based on the data stored in the Room | 10 | |
| | The purpose of the map can be improved | | |
| 5 | LazyColumn | | 10 /10 |
| | - A LazyColumn is used in a screen to display a list of items (stored in the Room) | 10 | |
| 6 | Two advanced features | | 29 /40 |
| | - First advanced feature is from the list provided and is fully implemented with the key functionalities, without any issues. | 20 | |
| | - Second advanced feature is from the list provided and is fully implemented with the key functionalities, without any issues. | 20 | |

| | | | |
|--|---------------------------------------|--|--|
| | Advanced features should get improved | | |
| Mark deduction for missing files (Android project, Task Allocation, a report with screenshots, and a demo video) | | | |
| Total Mark for the group submission (60%) | | Total out of 100% 76/100 Total out of 60% 45.6/60 | |
| Individual interview mark (40%) | | 29 /40 individual mark | |
| Student final Mark | | 74.6 /100 | |