

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

Group ID/Name:

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 <u>implementation of all</u> 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"> • <u>Implementation of all</u> the key features and advanced features but with some minor issues • <u>Functionality of all</u> 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 <u>report or contents of the file</u> • Does not exceed but meets the expectations 	<ul style="list-style-type: none"> • <u>Implementation of most</u> of the key features with some attempts towards advanced features • Issues with <u>functionality</u> of some features, and crashes • Handling some or few of the <u>exceptions</u> and user <u>data entry validation</u> • Following some or a few 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 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"> • <u>Implementation missing some</u> 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"> • <u>Implementation missing most</u> 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 user interface design guidelines (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:

Student name:

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		/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	
2	Home Screen and Retrofit		/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	
3	Form (Data Entry) Screen (this can be a signup/register screen, or a profile screen, or a different form)		/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	Map or Report Screen		/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) e.g. based on the data stored in the Room	10	
5	LazyColumn		/10
	- A LazyColumn is used in a screen to display a list of items (data must be stored in the Room)	10	
6	Two advanced features (for groups of 3, one advanced feature with 40 marks)		/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	
Total Mark for the group submission (60%)		Total 100% -> /60 group mark	
Individual interview mark (40%)		/40 individual mark	
Mark deduction e.g. missing files (Android project, Task Allocation, a report with screenshots, and a demo video)			
Student final Mark		/100	