

COMP1815 - JVM Programming Languages - Marking sheet and Feedback to student

Student name, ID: Matthew Vallance		Marker: Markus
Implementation (40%)		
Feature a) (10%) Telecoms App	Overall an excellent implementation of the user interface, including the possibility to load and process the file with distances between capitals and a user-friendly user interface.	7
Feature b) (10%) Domain Classes & Graph	Overall an excellent implementation of domain and entity classes in Kotlin including classes to represent the graph and edges and these are integrated well into the telecoms app and there is good separation of concern	7
Feature c) (10%) Minimum Spanning Tree	Excellent implementation of minimum spanning tree functionality, including an algorithm to calculate the minimum spanning tree, integrated into the telecoms app to display the minimum spanning tree.	7
Version Control (10%)	Exemplary use of version control with many regular submissions, providing a very detailed record of the evolution of the application.	10
Video	Did the group have a video demonstration? Marks deducted if not	<input checked="" type="checkbox"/> Checked if Yes
Demonstration	Did the group have a viva? Marks deducted if not	<input checked="" type="checkbox"/> Checked if Yes
Group Report (10%)		
Section 1 - List of features and Git link (2%)	An exemplary list of features which matches the actual implementation very accurately.	2

Section 2 – Screen shots (3%)	Overall a very good number of screenshots which show most features of the application running. 2
Section 3 - Code listing (3%)	Outstanding code listing, where every file is clearly labelled. 3
Section 4 – Contribution Form (2%)	The contribution form is complete and provides a clear breakdown of the contribution of all members of the group. 2
Hackathon (30%)	
Hackathon result (30%)	The hackathon result represents the grade calculated by DomJudge during the Hackathon. 30
Total Group Mark	The group mark is the total group mark which does not take into consideration the individual contribution percentage. 70
Student Contribution:	25
Number of Students in Group	4
Adjusted Group Mark (based on student's contribution)	Contribution percentage (if different than average): 70
Individual Report (20%)	
Section 1 – Comparison and Research (8%)	A very good understanding of multiple programming paradigms and JVM programming languages. Originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the domain 5
Section 2 - Evaluation (10%)	Excellent evidence of evaluation of different aspects in JVM development and reflection of the implementation process. Able to draw upon critical evaluation of current knowledge in the field. 7

English Proficiency (3%)	Professional quality of presentation, structure and standard of English. Demonstrates self-direction and originality in tackling and solving problems, and able to act autonomously in planning and implementing tasks at a professional or equivalent level. Outstanding participation in group discussion being able to follow and take lead and inspire.
	3
Total	85.0
Other comments (if any)	
Mark awarded by tutor (100%)	85.0