

ProgSD Team Project summary mark sheet

Team: LC03-team04

Total mark: 34 /40

Product

Is the software product well-designed, functional, reliable, efficient, usable and well-documented (readme file or user guide)?	2/2
---	-----

Comments:

Excellent - functional, reliable...etc

Functionality

Customer

Rent a vehicle at any location in the city, as long as there is a working vehicle available at that location.	2/2
Return a vehicle to any location. When a customer returns a vehicle, their account is charged an amount depending on how long the vehicle rental was.	2/2
Report a vehicle as defective.	1/1
Pay any charges on their account.	1/1

Comments:

All implemented

Operator

Track the location of all vehicles in the city.	2/2
Charge a vehicle when the battery is depleted.	1/1
Repair a defective vehicle.	1/1
Move vehicles to different locations around the city as needed.	2/2

Comments:

Implemented

Manager

Generate reports showing all vehicle activities over a defined time period, using appropriate data visualisation techniques.	5/5
--	-----

Comments:

Excellent!

Report

Is the report complete, well-organised, and literate?	1.5/2
Has the team surveyed existing software products?	1/1
Has the team captured the requirements?	2/2
Has the team analysed the problem, and devised a suitable approach for solving the problem (software development methodology)?	0.5/1
Does the report clearly explain how the software was designed?	2/2
Does the report clearly explain how the software was implemented (technologies used)?	1.25/3

Does the report clearly explain how the software was tested?	1/1
Does the team have good suggestions for further work or how this could be improved?	0.75/1
Does the report contain a bibliography and proper citations?	1/1

Comments:

Complete, well-organised and literate. However, some sections do not seem natural. For example, I do not like the way 5.1 is written. It just look like ChatGPT style of bulletpoints. Many sections are like that. You provided some decent review of the literature and you did survey two existing application A requirements list following the MoSCoW approach has been provided. Kanban is not a software development methodology per se but a framework or visual workflow management method that is often used within software development. While it is not strictly a methodology like Scrum or Waterfall, Kanban is widely used in Agile software development environments. Design diagram provided and described You used the implementation section describing the technology used rather explain how key features were implemented. And where you list the features, most of is is merely description that could easily pass for description of dactivity diagrams or sequence diagrams. They do not reall tell much about what happens inside the code. Atleast, "Internationalisation" mentions 'trans' tags and 'gettext_lazy' functions... Again, a lot of it is written in ChatGPT bulletpoint style rather than normal report or dissertation writing. It should present the technical implementation of the product, including a section that presents the final output (UI). The implementation section should have included more specific libraries used to implement specific features, for example, which library was used to create the visualisation graphs and HOW. So it is more about discussing your code then showing that piece of code. Performance testing - traced Django requests to visualize query patterns and detect inefficiencies. Acceptance test. Could have also performed additional such as integration or unit test since Django uses Python's unittest module as its base. Discussion of future work rather limited. Mainly listing potential features, nothing technical which would have added value. Some decent and useful ones citations provided

Extra functionality/complexity

Has the team added any extra functionality (ies) and clearly described it (them)?	3/3
---	-----

Comments:

Download feature from manager side, Multiple Language Support, Location Detection, Customer – Sorting / Filtering Vehicles

Has the team added extra complexity and described what the complexity was?	1/3
--	-----

Comments:

Using cache and docker – only because you presented the details in the video and I am feeling generous. In the report, Table F-2 on page 37, you listed technologies. However, there is no explanation of HOW they were implemented to highlight the technical difficulties or challenges. Just by naming and describing them does not work. This is mainly because your implementation section did not show HOW the key features were implemented.