

Examensarbete PM

Introduction

Name: youssef laamim

Class: mobilitetstjänster

background:

This platform aims to provide a solution for those who own cars and do not need them permanently, as they can rent their cars to others to benefit from them daily. This idea was arrived at based on the growing need for efficient and profitable car sharing solutions among individuals.

the aim:

The purpose of this project is to develop a technological platform that facilitates the car rental process between individuals, which contributes to enhancing the concept of the shared economy and achieving economic and environmental benefits. Providing a car for the tenant

Target group:

The target group is car owners who do not use them on a daily basis and want to generate additional income by renting them, in addition to people who need to rent a car for a short period. Achieving cooperation

Objectives and planning:

Developing an easy-to-use electronic platform to enable car owners to register their cars for rental.

Providing an intuitive user interface for renters to browse and book available cars.

Achieving a smooth and safe rental process by implementing the necessary verification and insurance procedures.

Providing an evaluation system for renters and car owners to ensure quality service.

Develop a pilot model that explains the concept of the platform and helps attract potential investments.

Action Plan:

1. Java language and Spring Boot framework were used for back-end development.
2. Use HTML and CSS ,JS to design the front-end user interface.
3. Use Agile to manage the development process and ensure continuous delivery of features.
4. Set up a project on GitHub to track changes and manage code.
5. Use cloud web services Azure or heroku to ensure the platform is available around the clock and scalable

Mitigation:

If there is not enough time to finish the entire project, a mitigation strategy can be applied to reduce the workload and speed up progress. There are several methods that can be followed to achieve this, including:

Reduce the number of features:

Focus can be placed on developing core features that are essential to the platform's functionality and that achieve the primary purpose of the project.

The development of minor features or that would be nice to add is postponed to later stages of development.

Focus on the basics:

The focus is on developing the basics needed for the platform to function properly, such as user registration, vehicle file creation, and basic booking processes.

Worrying about advanced or complex features is reduced so that the project is ready to deliver on time.

road map

first tow week

- Creat admin register /login getall user(owner and renter)deleted all and update getbyname
- Craet owner registre / login addcar deletcar updet car
- Creat renter register /login rentercar getallcar

Proof of concept of the platform:

The focus is on proving the platform's concept and viability by developing a pilot or simple version of the platform.

This model can be used to attract investment opportunities or financial support to further develop the project in the future.

Using a mitigation strategy, a balance is achieved between the time available and the essential requirements of the project, allowing tangible results and proof of concept to be delivered effectively and on time.

Technical aspect:

Technologies used: Java, Spring Boot, HTML, CSS,JS

Web/Cloud Service: Cloud web services such as heroku or Azure can be used to host the application and ensure its availability and security.

Front-end and back-end: Both front-end and back-end will be developed as a complete and easy-to-use solution.

In brief, this project aims to develop a technology platform that facilitates the car rental process between individuals, and will be implemented using modern technologies such as Java, Spring Boot, HTML and CSS,JS while applying Agile methods to manage the development process and ensure continuous feature delivery.

Today I Need car



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