|  |  |
| --- | --- |
| Edmonton Used Car Dealer | New and Used Car For Sale | 780cars  pROJECT pLAN | Project plan for an individual assignment in the second year S-CB-S2-CMK |

Contents

THE CLIENT 2

TEAM 2

WAY OF WORKING 2

CURRENT SITUATION 2

PROBLEM DESCRIPTION 3

PROJECT GOAL 3

DELIVERABLES 3

NON-DELIVERABLES 3

RISK MANAGEMENT 3

CONSTRAINTS 4

[PHASING 4](#_Toc1488300223)

## THE CLIENT

* A client of the project is represented by Teun Cortooms, Mieke van Vucht and Michiel Koehorst, who are teachers at Fontis University of Applied Sciences.
* Contact person: Teun Cortooms (WAD)
* Email address: [t.cortooms@fontys.nl](mailto:t.cortooms@fontys.nl).
* Contact person: Mieke van Vucht (OOD)
* Email address: [m.vanvucht@fontys.nl](mailto:m.vanvucht@fontys.nl).
* Contact person: Michiel Koehorst (WKS)
* Email address: [m.koehorst@fontys.nl](mailto:m.koehorst@fontys.nl).

## TEAM

* Our team is represented by Atanas Dimitrov (a student at Fontys University), who will take care of the overall preparation of the project, together with its documentation.
* Email address: [atanas.dimitrov@student.fontys.nl](mailto:atanas.dimitrov@student.fontys.nl)

## WAY OF WORKING

* The project's approach involves gradually integrating new concepts and knowledge gained throughout my learning process. As I continue to learn, I will consistently apply newfound knowledge to enhance the project. Regular meetings with my teachers will provide valuable guidance and feedback, contributing to the improvement of both the work process and the overall quality of the final product.

## 

## CURRENT SITUATION

* The client is currently without an online platform that integrates comprehensive updates on the latest automotive industry developments, along with car rentals' functionality. Additionally, there is no desktop application available to the administrator for efficiently managing the information hosted on the website.

## PROBLEM DESCRIPTION

* The automotive industry lacks a centralized platform to meet the diverse needs of enthusiasts. Fragmented experiences across multiple platforms frustrate consumers looking for up-to-the-minute news where they can share their opinions and a car rental platform. Different platforms make it difficult to connect, use, and find things easily, so we need one solution that ties everything together. The integration of web and desktop applications is critical to meeting the diverse needs of automotive enthusiasts, providing a single platform for seamless interaction and car appreciation.

## PROJECT GOAL

* The primary objective of this project is to develop both web and desktop applications interconnected through a shared database, aiming to deliver a comprehensive automotive experience. The app will include two key functionalities: an automotive news section allowing users to participate in discussions and comment on the latest updates, along with a car rental platform facilitating convenient browsing and vehicle booking. This personalized approach aims to specifically cater to the needs of car enthusiasts by offering a comprehensive yet user-friendly experience within a single app.

## DELIVERABLES

* Web application
* Desktop application
* Shared database
* Documentation

## NON-DELIVERABLES

* Continued maintenance after project submission;

## RISK MANAGEMENT

|  |  |  |  |
| --- | --- | --- | --- |
| Risk | Resp Action | Probability | Impact |
| If someone is sick | If I get sick it won't be a problem as I am organized and will easily be able to make a plan to follow to achieve my goals. | High | Medium |
| If the code is broken | I will revert to the previous stable version from my GitLab repository. | Low | High |
| If my GitLab repository is deleted | I will upload the latest version of the code from my laptop. Additionally, I will contact GitLab support to investigate the possibility of recovering my repository. | Low | High |
| If I have problems with the implementation | First, I will try to find help on the Internet. If that doesn't help, I will ask my teachers for help. | Low | High |
| If there is a problem with the technique I am working with. | I will ask to borrow a laptop from ISSD in Fontys. I will then link it to my GIT account and continue working on the project. | Medium | Medium |
| If I don't have time for my results | I'll create a table categorizing them into 'must have,' 'should have,' and 'could have' to prioritize effectively. | Low | Medium |

## CONSTRAINTS

* Budget: $ 0;
* Workforce: 1 workers;
* Initiation: 24 February 2024;
* Deadline: 24 June 2024;
* Use limited to C#, Windows Forms, HTML/CSS, ASP.NET, MSSQL;

## PHASING

**1. Planning and Preparation:**

* Define project goals, objectives, and requirements.
* Create a project plan outlining tasks, timelines, and milestones.
* Set up project management tools and establish GIT.

**2. Research and Learning:**

* Research relevant technologies, tools, and methodologies.
* Review Fontys University study materials to apply relevant concepts.
* Identify potential challenges and areas where additional learning may be needed.

**3. Development:**

* Begin development of the web and desktop applications.
* Implement features and functionalities based on project requirements.
* Regularly test and debug code to ensure functionality and quality.

**4. Integration and Testing:**

* Integrate web and desktop applications with the shared database.
* Conduct thorough testing to identify and fix any bugs or issues.
* Ensure seamless communication and data synchronization between applications.

**5. Feedback and Iteration:**

* Seek feedback from stakeholders, including your project tutor and client.
* Incorporate feedback to refine and improve the project.
* Iterate on development and testing based on feedback received.

**6. Submit:**

* Prepare for deployment of the web and desktop applications.
* Conduct final testing and quality assurance checks.
* Submit the applications in the assignment section of Canvas so that teachers can check my work.