**Project Plan**

***Turbo Bids***

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| **Date : 08-03-2024** |
| **Version : 1.0** |
| **State : Unfinished** |
| **Author : Bogdan-Andrei Andreescu** |

#### Version history

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| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Author(s)** | **Changes** | **State** |
| 1.0 | 08-03-2024 | Andreescu | Initial Version | Unfinished |
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**Distribution**

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Receivers** |
| 1.0 | 08-03-2024 | All the stakeholders |
|  |  |  |

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# Project assignment

## Context

The current way of the car market is too old school with it having public auctions as the main way of conducting this activity. This way is too inefficient and inconvenient for the buyers because they have to be physically present for the auction. Turbo Bids comes in to help this situation by creating a virtual environment for automobile auctions.

## Goal of the project

The goal of Turbo Bids is to have an efficient environment to practice the art of buying and selling a car. We do this because a lot of people struggle with finding their desired vehicle for the right amount of money, in the same way as others have a bad time selling their automobiles. The advantage of Turbo Bids is that all of this will be available in a user friendly environment, by using the power of biding to our advantage. Furthermore, this project it is going to boost our company’s reputation by being the only company in the region developing such a program and making the employees understand more the use of Java.

## Strategy

Our project strategy centers on adopting Scrum Agile methodology, offering adaptability, customer satisfaction, incremental progress, transparency, continuous improvement, cross-functional teams, early delivery, increased productivity, effective risk management, and global collaboration.

## End products



# Project organisation

## Stakeholders and team members

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Abbreviation** | **Role and functions** | **Availability** |
| *Bogdan-Andrei Andreescu* | *B.A. Andreescu* | *Owner and Developer* | *Weekdays(Online)*  *Tuesday,Thursday,Friday(Offline)* |
| *Felipe Ebert* | *F. Ebert* | *Teacher* | *Tuesday 13-16, Friday 13-16 (Offline)* |
| *Maya Pesic* | *M. Pesic* | *Teacher* | *Thursday 9-12, Friday 9-12 (Offline)* |

## Communication

-Feedback sessions at least 2 per sprint

-1 Sprint Feedback session

# Activities and time plan

## Time plan and milestones

|  |  |  |
| --- | --- | --- |
| **Phasing** | **Start date** | **Finish date** |
| Sprint 1 -BackEnd layering and git  -Project plan | 20-02-2024 | 08-03-2024 |
| Sprint 2  -Design document  -Front End layering and git  -Continuous Deli | 11-03-2024 | 29-03-2024 |
| Sprint 3  -Database setup  -SonaQube | 01-04-2024 | 19-04-2024 |
| Sprint 4  -Authentication and authorization  -UX feedback report | 22-04-2024 | 17-05-2024 |

# Testing strategy and configuration management

## 

## Testing strategy

The project will have implemented unit testing, integration test and end to end testing.

## Test environment and required resources

CI/CD be used as a test environment in the project

## Configuration management

GitHub Flow will be used for the branching strategy

# Finances and risk

## Risk and mitigation

|  |  |
| --- | --- |
| **Risk** | **Prevention activities** |
| 1. Time management issues | Use the Jira accordingly so that the sprints are better managed. Try not to procrastinate as well. |
| 1. Planning is wrong | Keep updating the project plan and Jira |