Meeting and Group Communication

Team Perfectly Unbalanced

**Team members:**

**Luke Daniels**

**Matthew Blundell**

**Jacob Coorey**

**Mohammed Osman**

**Thomas Walker**

**Project Guidelines – First meeting results (26/07/18)**

Client identified these requirements from documentation for the car rental company and gave these out to the team to hopefully think of more potential additions to bring to the next group meeting.

* *User Authentication (Moderate Level of Importance)*
* *Search Functionality (Moderate Level of Importance)*
* *Create Front End Application Features* ***UI Design*** *(High Level of Importance)*
* *Design and implement an improved database for recording the history of rental services (High Level of Importance)*
* *Methods to analyse database data for presenting to staff cars rented in a month. (Low Level of Importance)*
* *Recommend cars to customers for potential renting (Low Level of Importance)*
* *Have web application viewable without the need of logging in (High Level of Importance)*

**Potential Features – Second meeting results (31/07/18)**

Collective results of the developer teams’ potential additions to the project for the client to view and possibly add to the project.

* *Role Based authentication - (Owner, Employee, Guests)*
* *Session Management for added security (Jacob)*
* *Availability of cars based on the days the user selects and location*
* *Ability to search for specific vehicles (brand, size, engine size, number of seats)*
* *Filter results (price, rating, fuel consumption, size)*

We then discussed which of these features to add to our project and combined them with the original specification resulting in this.

* *Search Functionality (Moderate Level of Importance) (Jacob)*
* *Create Front End Application Features* ***UI Design*** *(High Level of Importance) (Matt)*
* *Design and implement an improved database for recording the history of rental services (High Level of Importance) (Luke)*
* *Methods to analyse database data for presenting to staff cars rented in a month. (Low Level of Importance) (Tom)*
* *Recommend cars to customers for potential renting (Low Level of Importance) (Tom)*
* *Have web application viewable without the need of logging in (High Level of Importance) (Matt)*
* *Role Based authentication - (Owner, Employee, Guests) (Medium Level of importance) (Matt)*
* *Availability of cars based on the days the user selects and location (Mohammed)*
* *Ability to search for specific vehicles (brand, size, engine size, number of seats)*
* *Filter results (price, rating, fuel consumption, size) (Mohammed)*

Next week each team member will come back with an agreed upon expanded and in-depth view of each feature, so everyone can get a clear understanding of their purposes.

**Product Backlog – Third meeting results (02/08/18)**

Team members have come back with an expanded idea behind the features which we today will split up into front end and back end features.

**Front End**

* Create Front End Application Features UI Design
* Home page
* Search Results Page
* Reporting Page
* User profile Page
* Vehicle Information Page

**Back End**

* Search Functionality
* Specific Vehicle Search (Brand, size, engine, number of seats)
* Filters (Price, Rating, Fuel consumption, Size)
* Car Availability and recommendation
* Database redesign
* Analyse old database for redundant data
* Port data to a SQL server for security and ease of use.
* Data Analyse
* View monthly and weekly rentals and revenue.
* User Authentication
* Users can search and view pages without the need for authentication
* Except for user specific pages like the User profile page and the reporting page
* Three levels of authentication. (User, Owner, Employee)

**Finalizing and finishing backlog – Fourth meeting results (07/08/2018)**

We discussed which features each member wishes to produce User stories for and finalise our backlog.

* Create Front End Application Features UI Design (Matt)
* Search Functionality (Mohammed)
* Database Redesign (Luke)
* Data Analysis (Tom)
* User Authentication (Jacob)

And have decided to keep our current back log with no major changes done to it.

**Project Group Update - Fifth Meeting results (11/08/2018)**

Nothing to write down about our results for this meeting

**Release and Sprint Planning - Sixth Meeting results (14/08/2018)**

Group has completed user stories and have begun planning for our releases based on the stories developed.

Release 1 will be done by Matt and Luke

Release 2 will be done by Jacob and Mohammed

Release 3 (if needed) will be done by Thomas

Thomas will aid other releases.

Feature Priorities

Home page and the Database are our current priorities and should be done in sprint 1 and release 1

**Release Planning - Seventh Meeting results (16/08/2018)**

The group has discussed, and stories have been grouped roughly into releases.

For the first release we will aim to develop the following:

* Visual Presentation
* Searching
* User Authentication
* Database Redesign

Second Release:

* Car Recommendation
* Information Reporting
* App Responsiveness

Third Release:

* Customer Aid
* User Service

From here we will need to further break the individual stories down into sprints, define the specific tasking, and how the items will be linked together.

**Planning Update - Eighth Meeting results (19/08/2018)**

The result of this meeting has provided the group with the list of stories allocated to Sprint One. These are as follows:

* Home Page
* Database
* Car Info Page
* Reporting Page
* Customer Profile Page

The taskings have been defined to a standard that provides us an idea of how to accomplish the stories during the sprint. We will need to further elaborate on the necessary taskings before we begin Sprint One. This will be developed over the next few days.

**Finalising Sprint Plan - Ninth Meeting results (21/08/2018)**

Sprint Plan has been brought to group meeting to process and make final adjustments.

No changes were made to the sprint and release plan.

Submitted by Luke Daniels.

**Sprint Plan Taskings - Tenth Meeting results (23/08/2018)**

During this meeting the taskings have been finalised. We communicated this to the client who has understood and agreed to the tasking list. The taskings are deemed feasible and the project can be started. First plan is for everyone to start building designs for the home page, as all other pages will inherit similar designs to this, as well as the database model.

**Sprint 1 Update (1) - Eleventh Meeting results (28/08/2018)**

Group has returned with some ideas of how the home page should be designed. Matthew has brought forth a design and prototype that the client has agreed matches the image of the page. Everyone else has decided to build further designs and prototypes that are similar in style to this

Database model has been brought fourth, by Luke Daniels, and the client has agreed that the database should be designed like this and to begin processing of the old database.

**Sprint 1 Update (2) - Twelfth Meeting results (04/09/2018)**

Old database data has been added to a new database modelled on the model created and shown in the previous meeting. Group has been shown some small queries to get data from different tables and all agreed that this database will work for our web app

Home page has been built and has been shown to the client and group to get opinions on the current design and any improvements that can be made.

Rest of group have brought forth idea designs for:

* Car Information page
* Customer information page
* Reporting Page

And for the time being have been approved to move forward with prototypes of the pages

**Sprint 1 Update (3) - Twelfth Meeting results (06/09/2018)**

Client and group have decided to stick with the current build of the home page and to use it to base the rest of development of the web pages on. Acceptance criteria has been passed.

Database has been approved through acceptance criteria and will not need any changes to be made to it.

**Sprint 1 Update (4) - Twelfth Meeting results (13/09/2018)**

Pages:

* Car Information page
* Customer information page
* Reporting Page

Have prototypes built and have been shown to the client for an opinion of their design

The client has agreed that these prototypes are good, and that further page development can be pursued

**Sprint 2 Planning - Thirteenth Meeting results (21/09/2018)**

After discussion with the client, a general list of stories has been chosen for the second sprint. The following indicates the stories to be completed:

* Specific search capability
* Search Filtering and sorting
* Search results
* Display reporting data
* Vehicle availability
* User Authentication
* Display data without logging in

Revised times have been implemented for this sprint based on the outcome of Sprint one. Velocity has been identified and is stated in Sprint Two draft.

**Sprint 2 Finalization - Fourteenth Meeting results (02/10/2018)**

During discussion with the client, it has been agreed that two extra stories will be brought forward from the Product Backlog. This is due to the development team completing taskings well within the timeframe of Sprint One. This has influenced the Velocity of the project; however, this has been communicated to the client who understands that the actual velocity is slightly greater than the calculated.

The following stories have been added to Sprint Two:

* Login/Register Page
* Rent Page

The development team has introduced the taskings for these stories and produced realistic numbers for the timeframe.

**Sprint 2 Update (1) - Fifteenth Meeting results (05/10/2018)**

Speaking with the client, the development team has established the best method for displaying Reporting information. The client wishes for the reporting page of the latest month to be shown upon navigating to the reporting page. From here, the client wishes for there to be combo boxes that can be changed to take the user to the desired month.

Development team have begun implementation of user authentication on the back end. Designs are being brought forward for the visual element of logging in.

**Sprint 2 Update (2) - Sixteenth Meeting results (10/10/2018)**

Client has identified that weekly information on the reporting page should be more interactive, with the ability to change through the weeks within the reporting of the desired month. This will require the development team to revisit the page and further build upon the code.

Search implementation has been improved. Client has viewed the prototype and is pleased with the progress. Rent page has been styled and ready for implementation.

Initial test cases have been developed in preparation. Testing is scheduled for next week.

**Sprint 2 Update (3) - Seventeenth Meeting results (12/10/2018)**

Further styling improvements have been made to the application to improve usability. Client has viewed and approve of styling changes that have been made.

Display without login has been discussed and key features to be shown in this view have been identified.