**Assignment 1**

**FIT2101 - Software Engineering Process & Management**

**Project Management Plan (PMP)**

**Vision statement - Elevator Pitch**

For tutors who need a program to help mark Google Doc revisions, the \_\_\_\_ is a gitinspector for Google Drive, that displays the revision history in a timeline. Unlike gitinspector our product can actually be used for Google Drive.

**Info about the project**

The main deliverable of the project is a software system that can be described as a statistical analysis tool. This system will have the ability to create finished documents explaining team members contributions, changes and suggestions to a project. This software will be largely based upon the GitInspector tool online but it will be based upon documents from Google Drive. It will be designed primarily for teachers wanting to assess the amount of work completed by individual members of a team.

This project has a relatively short timeline and has an expected delivery date of Friday 14th October 2018. The team will create planning documents and provide proof of concept software to be delivered to the client before the final deliverable date. As the software will integrate the work and changes made online within *Google’s “Google Drive”* software, we expect the user to have some form of familiarity with the online file storage system. The software will require access to the internet as it will be based as a web application.

The team will work closely alongside the client, Mr. N and employ a largely Agile-Scrum method of development to ensure the client’s implicit and explicit needs are met. The team’s Scrum Master Paul will ensure the team remains on track any artifacts are aligned with the PBI’s. The role of Product Owner will be shared amongst team members and moved to the member who will be most appropriate to get in contact with Mr. N.

**Info about the team**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Role** | **Responsibilities** | **Tasks** | **Contact Info**  **(Phone #, Monash authcate)** |
| **Izad Tan** |  | Buying the lightbulb | Risk Register |  |
| **Jack Hamill** | Scrum\_  Master | Delivering the lightbulb | PMP | 0419 776 009  jham0007 |
| **Marcus Marinelli** |  | Opening the package of the lightbulb | Analysis of Alternatives | 0400 123 226  mmar0017 |
| **Paul Papadopoulos** |  | Removing the old lightbulb | Risk Register | pcpap2 |
| **Richard How** |  | Inserting the new lightbulb | PMP | 0409 022 288  rhow0003 |
| **Thomas** |  | Disposing the old lightbulb | Analysis of Alternatives | 0412 700 676  ldin0001 |

Any new members of the team are asked to contact the Scrum Master in order to gain access to the team’s group message service. Members will also have to contact the Scrum Master in order to access

**Info about the process**

*Plan explains how process model differs from Scrum?*

The process being used is Scrum, with *?1 week long sprints?*. Due to the nature of the project, daily standup meetings will not be implemented.

We will have a messenger group and meetings to make sure everyone is informed.

*Plan explains how tasks will be allocated?*

We will allocate tasks to people by volunteers first then the rest will be allocated by either Scrum Master based on informed opinions on their capabilities.

*Plan explains how time would be tracked?*

The amount of time spent on the project will be measured by the quality and quantity of the of the report writing and the amount of code for each person in the final project.

*PMP contains a definition of done?*

The team’s definition of done will require: 50% or more of the team deciding it is done or the Product Owner says so. The team will keep track of progress by setting a list for what to do within each week and whether or not we are behind or not.The team will store and manage the backlog on a empty file in the GitLab group which will be updated and checked.

Scrum is not regarded as a process model it is a subset of the agile development which is itself a software process model. The Scrum model is divided into three primary branches which are Artifacts, Roles and Time boxes. The Scrum model applies more effectively to the software engineering process than a waterfall or agile model as it has more specific requirements and is more refined for such product developments. This is because the Agile and waterfall development method do not have as many regular checks on team development and project requirements as Scrum. Scrums requirements of almost daily interviews/meetings of 15 minutes a day acknowledges the fact that challenges and speed bumps can be encountered on the road to reaching the final product.

**Info about the context**

The stakeholders are the tutors and lecturers. They are interested in a specific type of product and if they are not present then the product owner or someone else appointed by the scrum master is to take responsibility for the project. They have the capability of making us fail if they tell us the wrong stuff or we don’t do as they say.