Project Plan

**Project Resources**

**Group Resources**

Every member in the team plays a key part and everyone has input to the project, both as a whole and individually. The key person for the success of the project is the Sponsor Leanne, who has ultimate say on whether or not the project is successful. She also has the special skills with nutrition and health science, which none of the team members have.

The team also has other students, Lecturers and other university staff, whose knowledge may be of benefit to the team.

Everyone in the team has the same resources in terms of hardware and software, and will use them to do their individual parts of the project and it as a whole.

The following resources will be used to develop the project and its documentation.

**Hardware**

The following hardware will be used during the documentation and creating of the application.

Desktop PC- used to work at both home and university, to do both documentation and coding. The specifications of each team members computers vary, but are a combination of the latest version of Windows and Apple’s OS X.

Laptop- Used to do work during meetings and again work on the writing the application itself and its documentation

Android Smartphone- used to test prototypes of the application for bugs and issues not seen in the emulator.

For deploying the application there will be additional hardware needed. To start with the application’s back end can be run locally on a desktop PC. But once it is deployed there must be a backend that is available to use from any location. It must be able to cope with demand and be efficient so that the application is smooth and fluid.

**(Need more info for back end we need)**

**Software**

The following software will be used to develop and prototype the application:

* Microsoft Windows (7, 8, 8.1)
* OS X Mavericks
* Titanium and it’s development environment
* Github
* Alloy
* Genymotion Android emulator
* Microsoft project
* Enterprise architect
* Sybase Power designer

**Development Risks and Management**

**Risk Management**

We are applying the four step process to the Risk Management strategy, which is often the go to for organisations, both large and small. The four steps are Identify, Analyse, Plan and Monitor. Each step is taken for a specific purpose to ensure the risks to our project and the Clients organisation are mitigated as best as possible.

**Risk Identification**

Below are the risks that are associated with the project. They may change as the project evolves, so a change log will also be included to update these as needed.

Technology risks

1. Version controls somehow fail and work is lost.
2. Hardware fails/ or is lost
3. Software resources do not function as expected
4. Competitor releases similar application

People Risks

1. Loose contact with team members
2. Loose contact with project sponsor
3. Team members cannot attend meetings
4. Conflict between team members
5. Conflict between team and sponsor

Organisational Risks

1. Unable to meet at normal location
2. Other subjects require work to be conducted at same time

Estimation Risks

1. Estimated times needed are too short
2. Not enough time allocated to tasks
3. Workload underestimated

**Risk Analysis**

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| --- | --- | --- | --- | --- |
| Risk no. | Risk Description | Probability | Impact | Rating |
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