**Project**

Produce a QR Code to direct people where to go.

**Brief**

It’s hard to find the room for a meeting in a building you’re not familiar with so the group is creating a QR Code which can direct a person to the room they need to go to and provide detailed information.

**Product Backlog**

The current set of user stories in the product backlog are

* Hardware - Laptop, Webcam, Speakers, Printer.
* Software – Eclipse/QR Code reader.
* User Interface – QR Code, Speech, Text to phone.
* Performance – Get them there in good time.
* Safety – Firewall so it can’t be hacked and also don’t send the customer anywhere dangerous.
* Ethical – Applies to wheelchair users and disabled.
* Flexibility – Alternative Routes if the first chosen route can’t be used.

**Your meeting with the product owner**

Shane, the product owner, wanted something light and free for use. This can be done but there won’t be much space in it. He also wants it to be fast, easy to use, easy to understand, user friendly and a simple user interface.

**SCRUM PROCESS TO FOLLOW**

**Roles**

Product Owner – Shane Keaney

SCRUM Master – Shane Hilley

UML Designer – John O’Shea

Helping Hand - Alan Rogers

**Estimate the time (in hours) needed to complete each task in the sprint**

You have 40 hours to complete the release

Use 2hrs, 4hrs, 6hrs, 8hrs estimations only for each task.

Decide who on the team does what task. You may ask more than one person to do one task.

|  |  |  |  |
| --- | --- | --- | --- |
| Task | Time Estimated  (Hrs) | Who does it | Completed (time)  (Hrs) |
| Equipment | 4 hrs | Shane Keaney | 1 hr |
| UML Design | 2 hrs | Shane Keaney | 1 hr |
| Coding | 8 hrs | John | 8 hrs |
| Audio Samples | 6 hrs | Alan | 2 hrs |
| Debugging | 2 hrs | John | 2 hrs |
| User Interface | 8 hrs | John | 4 hrs |
| Refinement | 8 hrs | Alan | 2 hrs |
| Finishing Touches | 2 hrs | Shane Hilley | 1 hr |

**Scrummaster : Create a 40 hours burndown chart of the sprint**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Person Minutes |  |  |  |  |  |  |  |
| 40 | I |  |  |  |  |  |  |
| 35 |  |  |  |  |  |  |  |
| 30 |  | I |  |  |  |  |  |
| 25 |  |  |  |  |  |  |  |
| 20 |  |  | I |  |  |  |  |
| 15 |  |  |  |  |  |  |  |
| 10 |  |  |  | I |  |  |  |
| 5 |  |  |  |  |  |  |  |
| 0 |  |  |  |  | I |  | I |
| Time Elapsed | 0 | 10 | 20 | 30 | 40 |  | 50 |