

# Minutes- Group Project

SEM5640

October 13, 2015

## 1 Minutes - 13/10/15

Attendees: CH, HH, DM, SJ, CG

### 1.1 Visual Studio Online

- Happy to use it, everyone is now signed up to the repo
- Team chat, built-in CI, issues
- Use the VS Online repo for both modules, as it runs via Git.

### 1.2 Methodology

- Scrum for primary methodology
  - Sprint length 1 week- flexible if work amounts too much or less time available
  - Monday 2PM meetings to review sprints/ retrospective
  - Release after each sprint
  - Possible have next sprint plan after retrospective, if not then next morning
  - All members to research into Scrum, how the work flow operates
- Visual Studio for managing the backlog
  - Connor for product owner/ manager of backlog will discuss and choose important tasks for that week/sprint
  - Vote on backlog- group co-operative
  - Saturday and Sunday classed as working days
- Incorporate Pair programming/ TDD within certain parts of development- flexible though.

### 1.3 Visioning and branching

- Branch per task
- Use of Gitflow
- Tag release version each week

### 1.4 Quality control

- Static code analysis
  - ConQat
  - StyleCop
  - Other .NET/ Java code analysis tools
  - Vote on which to use, research into both, or other before next meeting
- To use the default code style the IDE provides for neutrality
- Code reviews performed on check-ins or publish to main
  - TFS- Allows in-line comments on code
  - Code reviews on big changes/ tasks
  - Lots of code reviews at the beginning, one for everyone to ensure all are on the same format from the bottom up
  - First code reviews in group format
  - Following reviews done in pairs, rotating

### 1.5 Language specifics

- Each member does both .NET and Java

### 1.6 To go away and learn:

- API's:
  - FitBit, Jawbone, other fitness tools compatibility with C and Java
    - \* Helen- FitBit
    - \* Craig, Dan, Sam- Jawbone
- SendGrid library for emails with C and Java
  - Connor- SendGrid

### 1.7 Testing

- TBC- Libraries etc.

## **1.8 Next meeting**

Design meeting- 14th Oct- 8:30AM- Fferm Penglais Communal Block