**Questions**

1. **What development methodology am I using?**

We have been using the SCRUM development methodology within our groups for this project. We have had meetings once a week to discuss our progress and plans for the next week.

1. **What project management software are you using?**

Multiple software platforms were used for the management of this project. They are as follows:

* Sublime text editor – writing and editing code within the rails file system
* Trello – organization and planning
* Github – version control
* Cloud 9/Heroku – deployment and hosting

1. **What software are you using to communicate with your team?**

We have been using Slack to communicate with each other.

1. **What are the advantages of this methodology and why do you believe it is good for this project?**

some advantages of Scrum are as follows:

* Scrum ensures effective use of time
* Project is divided into ‘sprints’ which are easily manageable
* Works well for rapid development projects
* Agile methodology, constant feedback
* Daily/weekly scrum meetings make individual effort of team members very visible

I believe this methodology works well as it is a relatively small project with clear requirements and timeframe so an agile methodology to produce software faster is preffered. Scrum meetings are great for tracking team progress and getting feedback from the scrum master.

1. **Explain how you have captured and recorded business rules using the selected methodology within Ruby on Rails for RAD?**

The business rules of this project were defined by the scrum master.

1. **How you have designed the application with a focus on modularity, future expansion, continuous change and the involvement of users in the iteration process?**

As this project was designed using ruby on rails modularity is straight-forward. Materialize was used for the styling of HTML pages and can be easily modified. I believe this project has built a solid foundation on which more features can easily be added in the future.

1. **How you are providing quality assurance testing throughout the phases and providing feedback to the correct person?**

Feedback from scrum master on a weekly basis ensures quality is kept at a steady level. Test cases for major functionality is a requirement of this project to prevent bugs in the final version. Unit tests within rails have been created to help ensure stability of the application

1. **How you tracked the implementation of the required modules / features and followed up with the necessary personnel when required?**

Trello was used to track the progress of features and Slack for communicating with necessary personnel when required.

1. **How you managed your source code?**

I have been using Github for VCS management. Pushing regularly with every feature.

1. **How you tracked performance and optimized code where possible ?**

The following rails gems were used for performance and optimization of code:

* Bullet
* Traceroute
* Rails\_best\_practices

1. **How you compared the specifications and the implementation schedule for each module, ensuring that the functional requirements were fully met?**

I regularly checked the Requirements specifications document to ensure that functional requirements were fully met