Spoon Ltd.

Individual Report

Steve Thorpe

Spoon Ltd.

1 Job Role

1.1 Description

As Software Manger I was responsible for the design and the implementation of the product from leading the generation of the user stories; designing the work flow of product; scheduling the user story implementation and ensuring the quality of the code produced.

2 Work Carried Out

2.1 Deliverables from Metrics

2.1.1 Bug Tracking

Bugs tickets were created on JIRA each time a bug was found in the code; once the bug was fixed the ticket was moved into the completed section of the Kanban board. Bug reporting and fixing was tracked weekly in the weekly reports

2.1.2 Work Items Closed

The number of work items completed per week was tracked in the weekly reports. The number of work items was also reviewed at the end of each sprint during group meetings and tracked on JIRA which was used to produce sprint reports, an example of which has been provided.

2.1.3 Ratio of Estimated Time To Actual Time

The JIRA burn down charts were used to produce a ratio of estimated time to actual time. Reviewing these charts led to previously planned work time deadlines being extended. This was discussed during the weekly meetings and recorded in the minutes.

2.1.4 Integration Test Results

Integration testing was recorded in the provided DTP files. At the end of each integration for a user story a DTP was completed and attached to the relevant JIRA ticket. At the end of each sprint all tickets were reviewed for evidence of integration testing and the contents were reviewed for any failures to produce work for the next sprint.

2.1.5 Repeated Fails

Repeated fails were to be logged on JIRA and reviewed during the weekly reports and meetings. Any compilation errors which prevented eCook from running were reported to myself or another member of the software team for immediate review to find a solution

2.1.6 Thorough Testing

Testing coverage was reviewed throughout the project and logged in the weekly reports. Where testing coverage was not adequate, a JIRA ticket was assigned to the

programmer responsible for the class which was not sufficiently testing requiring them to improve the testing coverage.

2.2   Additional Work

2.2.1   Coding and Testing of the Product

I worked to develop the core functionality of eCook and its SlideShow features, working with other members of the group to produce the handlers used to provide the media content from the parsed XML files, the slide show logic. Working with the other members of the software team I helped produce the first integrated version of eCook, effectively creating the full product line and defined the work flow of the product with the Development manager. I was responsible for creating the timed and layering functionality of the eCook slideshows and created the kitchen timer feature. I helped to produce test classes for all code I contributed to. I also provided support to all team members throughout the project on almost every section of code.

2.2.2   Functional Specifications

I produced the first draft of the Functional Specification with the Project Manager and clarified certain features within the document after receiving feedback from the client.

2.2.3   Tender & Sales Presentation

I wrote and presented the sections of the Tender and Sales presentation concerning the software and its features and

2.2.4   Others

I produced the Coding Standards document which formally defined our code structure. I contributed to the DTP document, adding tests concerning the slide duration and the timers. I produced design documentation for the software architecture, class structure and GUI design with Development Manager. At the end of the two iterations I produced an iteration report which evaluated the performance of eCook and our general software practices.

2.3   Tables of Documents & Code Produced

Name	Comments
Documents	
Weekly Reports for Software manager	Self-produced
Timesheets	Self-produced
Iteration Report 1	Self-produced
Iteration Report 2	Self-produced
Coding Standards Document	Self-produced
Example Sprint Report	Self-produced
Software Architecture Design	Co-produced with Jon
Product Functional Specifications	Co-produced with Ankita
GUI Design	Co-produced with Jon
User Manual Video	Co-produced with Ankita & Sam
Tender Presentation	Co-produced with group
Sales Presentation	Co-produced with group

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QA Manual	Co-produced with group
Code	
Text Handler	With Jon
Audio Handler	With Jon Roger and Paul
Image Handler	With Jon and Roger
Graphics Handler	With Jon and Roger
Video Handler	With Jon and Roger
Video Handler Control Bar	With Jon
SlideMedia	With Jon
SubSlideMedia	With Jon
SlideMediaPlayer	With Jon
Timer	With Roger
Timer Data	With Roger
Main menu	With Jon and Roger
Audio Control Bar	With Max
Slideshow Controls	With Max, Ankita & Paul
Slideshow	With Ankita Jon and Roger
eCook	With Team

3 Conclusion

3.1 Self-Critique

After an initial shaky start I believe I have performed well as the Software Manager, leading the team through changing Java Frameworks twice, producing code to tight deadlines that met the specification. I believe my contributions to the design and architecture were sound and have been proven by the robustness and ability of the final product. I believe I have fulfilled my role in the company of creating a producing a product that meets the required specification to a high standard

3.2 Evaluation of Contribution

I believe my contributions to the design and architecture were sound and have been proven by the robustness and ability of the final product. I honestly believe that I have given my very best efforts to the group.