Lachlan Gepp – Personal Portfolio 1

IFB299 Application Design & Development

TexChange.xyz

I chose these artefacts because I believe they show my physical contributions to the group very well. Although they are minor compared to some, they are an integral part of Agile development and TDD. I feel that I could have contributed more to the group if I were able to have learned more about the back-end coding process.

The contributions in which I made within the tutorial times, I believe, have been imperative to our design and development process. I am consistently engaged in detailed conversations revolving around the design of the website, certain features of the website and contributing several idea’s to our partner team who is developing the property management service.

# Artefact 1

Automated Acceptance Testing for User Accounts

This artefact contains all the automated acceptance test for the user stories located with the Accounts section of our release and sprint plan for release 1. The accounts feature is concerned with all primary aspects relating to user accounts. Once complete, users can create verified accounts with their QUT email, and admins can edit details where required. This is considered to be one of the most valuable and urgent aspects from the client’s perspective.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **EIGFIV-2** | Account Creation | 4 |
| **EIGFIV-21** | Account Management | 2 |
| **EIGFIV-26** | User Login | 7 |
| **EIGFIX-31** | Account View | 2 |
|  | Story Point Sub-Total: | 15 |

# Artefact 2

Automated Acceptance Testing for Communication Mechanisms

This artefact contains all the automated acceptance test for the user stories located with the Accounts section of our release and sprint plan for release 1. The communications mechanisms is concerned with communication between users, and between users and admins. Users will be able to contact another user or an admin. They will also be able to communicate in order to organise book delivery. This is also considered as one of the most urgent and valuable feature set, as this is how the users will use the system to realise real-world benefit.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **EIGFIV-18** | Loaner Contact | 2 |
| **EIGFIV-6** | Book Delivery | 2 |
| **EIGFIV-9** | Admin Contact | 1 |
|  | Story Point Sub-Total: | 5 |

# Artefact 3

Release and Sprint Plan

The release and sprint plan details and lays out what user story’s will be put up for development within each sprint and overall, within each release. I personally was required to update this document consistently as changes were made throughout release one.

# Artefact 4

User Experience Survey for Texchange.xyz

I created this small survey to get a feel for what users may think of our website and how they will interact with it in the future. It will be used as feedback to further develop our service to users so that we can create a better experience for our customers.

# Artefact 5

Automated User Story Acceptance Testing

This Artefact is simply a table for our user stories that allows us to track our automated testing process. It can be updated by everyone in the group and also provides us to see which tests are passing and/or failing within the testing process.

# Artefact 6

Code Snippets from master branch

This small snippet of code can be found within the master branch of our teams’ code. It allows users to upload books without forgetting to fill in all the necessary fields of test e.g. author, title etc. This small piece of code is quite useful as now the database can no longer have a scrimmage of unfinished book submissions. Every book that now gets submitted to the database will be complete and all information about the book must be input otherwise the book cannot be submitted, all thanks to this little snippet.

I also made minor formatting changes throughout the website such as where error message show up and even fixing spelling errors. This process is small yet also integral to the overall professionalism of the website.