Lachlan Gepp – Personal Portfolio 2

IFB299 Application Design & Development

TexChange.xyz

The artefacts that I have chosen for Portfolio 2, clearly depict how I personally contributed to the team Vicious & Delicious. I chose these artefacts because I believe they show my contributions to the group and how my work impacted the organisation and workflow of our team. Although they may be not as weighted as some other developers, I strived to learn and complete the tasks that were allocated to me. I certainly believe if I applied myself more so that I could learn about the structure of the site, that I would have been able to contribute much more towards the development as I am a computer science student.

Within the allocated tutorial time, I certainly believe, that I’ve been an integral voice to our design and development process. I am consistently engaged in immersive conversations surrounding the construction and development of Texchange.xyz. I am also very alert when engaging with our client team Century Solutions. I provided much of my opinion to our partner team who is developing a product for property management.

# Artefact 1

Release 2, Automated Testing for Textbook Management

This artefact contains all the automated acceptance test for the user stories located within the Textbook Management section of our Release and Sprint Plan V2 for Release 2. Textbook Management allows users to interact with Texchange.xyz by submitting books, viewing books, searching for books and editing book details. By testing these integral elements of Texchange.xyz, Vicious and Delicious is able to find bugs and ensure the functionality of the element of the site.

The acceptance tests show that all elements regarding these user stories are functioning and working the way they should be with no errors.

Another useful document for the automated testing can be found within this portfolio named “Release 1,2,3: User Acceptance Testing.xlsx”. This spreadsheet shows all the testing done on the site Texchange.xyz and enabled Vicious and Delicious to track the testing process.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **EIGFIV-32** | View Book Details | 2 |
| **EIGFIV-4** | Book Submission | 6 |
| **EIGFIV-10** | Book Search | 3 |
| **EIGFIV-56** | Edit Book Details | 2 |
|  | Story Point Sub-Total | 13 |

# Artefact 2

Release 2, Automated Testing for User Accounts

This artefact contains all the automated acceptance test for the user stories located within the Accounts section of our release and sprint plan V2 for Release 2.

The accounts feature is concerned with all primary aspects relating to user accounts. Once a user has created a valid user account complete with QUT email, they will be asked to verify their email by clicking on a confirmation email sent to them. This enables us further security within the site. Users can then log in to Texchange.xyz and start to use their very own account, upload, borrow and loan books and edit their account details where necessary. This aspect of Texchange.xyz has been considered to be one of the most valuable and urgent aspects from our client Century Solutions.

While testing, it is not only one test per user story, sometimes a story might need to be tested a few ways to really make sure that all the functionality of the story is working correctly and coherently with the rest of the site.

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|  |  |  |
| --- | --- | --- |
| **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 3

Release 2 Sprint Plan V2

This artefact is the second version of the release and sprint plan. It provides Vicious & Delicious with an overview of user stories to be completed in which release. It also provides a brief overview of the stories associated with said stories. This document allowed the development team to identify which stories were to be completed within each release, especially release 2.

# Artefact 4

Sprint Plan 1-4

This artefact is a sprint plan for sprints one through to four and also includes future sprints 5 and 6. It details which stories are to be completed each sprint and outlines the tasks associated with each user story. The tables include sub-tasks, the estimated time for each task and how much time each task actually took to develop. This allowed the team to easily view were most of the time was spent during sprints.

# Artefact 5

User Experience Survey (Survey Monkey)

To gain insight into what users thought about our product Texchange.xyz, we produced a detailed survey to gather results based on the opinions of users. The results from this survey allowed Vicious & Delicious to further improve the site based on what users responded with. It also helped us brainstorm as to how we can improve Texchange.xyz in the future (Release 3).