**TicketVault**

**Sprint2 Planning Documents**

**Group: TicketVault (Team 8)**

**Members: Chengkang Xu, Hanxun Huang, Kai Sun, Longding Zhang, Yijie Wu**

**Overview**

This sprint document is used to clarify how this project be divided and each team member’s tasks in the first sprint iteration. We will first talk about the goals of this sprint, our scrum meeting schedules and who has been chosen to become our leader. Then we will discuss the challenge we may encounter when we work on this project. Finally we will provide every team member’s tasks with details and the estimate time for each task.

**Goals:** In this sprint, we expect to build: homepage, upcoming event page, event detail page, login field, sign up page and profile page. In addition, we will build the interconnection among pages and set up the server to be able to respond to the request that are sent from client.

**Daily scrum meeting:** We propbably will meet everyday at around 4:30 PM in Lawson lobby for a 15 minutes daily scrum meeting if all team members are free at the time. We will discuss what each member have accomplished in the past time, and what tasks we need to focus on at the moment.

**Scrum master:** TBD

**Challenges:**

* Since server and clients are built by different team members, we will need to make sure the serve and webpage interacts with each other in an appropriate way. The requests that are sent from the webpage have to be recognized by the server to invoke the functions that are required to respond to the request. In the meanwhile, the webpages have to be able to recognize the response that is sent from the server to display the correct content. As a conclusion, the way that different pages interact with server has to be consistent.
* Due to the fact that our team does not have much experience with developing the website. Some UI building tasks and server-side development may takes longer. We will only do a few requirements that are listed in our backlog this time and try to get familiar with the website development. In next sprint, we will do more requirements that are on our backlog.

**Current Sprint Details**

|  |  |  |
| --- | --- | --- |
| As a user, I would like to view the details of an event | Estimate Time | Owner |
| Create UI for the event detail page, which contains buttons that interact with other pages. | 13 | Xu |
| Client query database to retrieve event information. | 5 | Xu |
| Displaying error message when client fails to retrieve event data from database | 3 | Xu |
| Implement action when user click on reserve button--redirect to reserve page | 3 | Xu |
| Implement action when user click on add to cart button—prompt bubble or new page that says success! | 3 | Xu |

|  |  |  |
| --- | --- | --- |
| As a student user, I would like to reserve tickets for the events that I like | Estimate Time | Owner |
| Create UI for tickets reserving page, which contains buttons that interact with other pages | 13 | Zhang |
| Implement action when user click on submit button | 3 | Zhang |
| Query database to add the tickets to users’ account | 5 | Zhang |
| If there are no tickets remaining, server sends back error message, and client display no tickets available error | 5 | Zhang |
| If receiving success message from server, redirect user back to the event page | 5 | Zhang |

|  |  |  |
| --- | --- | --- |
| As a student user, I would like to manage the tickets that I have reserved | Estimate Time | Owner |
| Modifying PHP files to query database and display all events that user have reserved in profile page-reserved tickets section | 18 | Huang |
| Displaying error message when client fails to retrieve event data from database | 5 | Wu |
| Implement action when user clicks on events title—redirect to event detail page | 5 | Wu |
| In edit profile page, adding remove button to remove the tickets that user has reserved – i.e. cancel the reservation | 3 | Xu |
| Implement database-side action when user cancel the reservation – delete the corresponding row | 3 | Xu |

|  |  |  |
| --- | --- | --- |
| As an organization user, I would to create and edit even information. | Estimate Time | Owner |
| Create UI for manage event page, which contains buttons that interact with other pages | 10 | Sun |
| Modifying PHP to adjust top navigation bar to display manage event button when user is organization; otherwise hide it | 6 | Sun |
| Modify database to add organization account and corresponding data | 6 | Sun |
| Query database to retrieve and display all events that organization user has created | 10 | Sun |
| If error occurs when query the database, display the error | 3 | Sun |

|  |  |  |
| --- | --- | --- |
| As a student user, I would like my data to be perfectly secured | Estimate Time | Owner |
| Using shifting encryption or other methods in edit profile page to encrypt data that to be sent to database | 15 | Wu |
| Using shifting decryption or other methods in profile page to decryption data that retrieved from database | 15 | Wu |

|  |  |  |
| --- | --- | --- |
| Sign up page improvement | Estimate Time | Owner |
| Auto filled in info that user typed in when there are error occurs | 6 | Xu |
| Display error message in a pop up bubble or below the text field instead of prompting to new page | 5 | Xu |

|  |  |  |
| --- | --- | --- |
| Base page improve the reusabillity | Estimate Time | Owner |
| Using php to created a base page allow other page to extend s | 18 | Huang |
| Modify other page to extend the base page | 5 | Huang |

**Hours per person:**

Chengkang Xu: 44

Hanxun Huang: 41

Kai Sun: 35

Longding Zhang: 31

Yijie Wu: 40

**Total estimate hours: 191**

**Requirements in Backlog**

**Functional:**

As a user, I would like to search for the events that may interest me.

(If the time allows) As a user, I would like to manage the events that I like and be notified if some of them are close to closing.

(If the time allows) As a user, I would like to make payment directly through secured way, such as: Paypal

(If the time allows) As a user, I would like to browse the events that most people bought tickets for and perhaps buy tickets for it as well.

**Non-functional**

As a user, I would like the sign-in, sign-up, searching, ticket purchasing process response quickly.

(If the time allows) As a student user, I would like the event that I purchased tickets for and organizations are real, not scam.

**In addition to the requirements in project backlog, we have some extra functional requirements:**

As a user, I would like to view the help page when I encounter problems using the website.