**TicketVault**

**Sprint 1 Retrospective**

**Group: TicketVault (Team 8)**

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**1.What went well?**

Every user stories is implemented during this sprint and each one of them is functional.

1) As a user, I would like to view the overview of the website.

The homepage of the website is using a template from ‘HTML5UP’ under “Free for personal and commercial use under the CCA 3.0 license”. We modified the css and html file to suit for our design. Adding sign up, manage event, upcoming event and login button on the homepage. We added the search text fed in the website if the time allow we will implementing the function. After the html and css modify, we convert the html to php adding the logging detection for the homepage. If the user is logged in it will display the profile page and logout button. If not, it will display the login and sign up button.

2) As a user, I would like to sign in for the website

The sign in function is working and connected with the remote database. The sign in is using php “session” function that allows other page to know if the user is logged in or not. We used the css in the template and top banner from the homepage wrote the login interface. If the used is logged in, one of the variable in the session function will be set, and other page can easily using “if(isset)” to know if the user is logged in.

3) As a user, I would like to sign up for the website

Signup function wrap all information that user has typed in together and query database to add them. We mainly use PHP to validate if the username and email is existed in database. To check if the blank is empty, we use JavaScript. It prompts message when there is blank left empty.  When any kinds of error occur, it will redirect back to the signup page. Also, we have tips below the submit button to inform user what kinds of username and password in accepted.

4) As a user, I would like to browse and edit my profile

We use php to query and display user’s data in the profile page.  It retrieves the username stored in SESSION (the variable that can be accessed from all pages), to query the database. Also, in edit page, user is allowed edit account information. User can edit their birthday by using the drop down box. All data is sent to database using PHP. If there is any occurs, such as password mismatch, user will stay in the same page and an error message will pop up.

5) As a user, I would like to browse all upcoming events

We use Php to retrieve events from database and display them in the box. all events is displayed in the order it was created. We added few categories to the event, such as: price, organization name and description. Also, the page use PHP to check if user is logged in.  If it is, then display logout and profile, if not, display login and sign up.

6) Other tasks—server side development

We are using the online website hosting service to host our website. The mysql database is also host online, in our repository there is a folder called “SupportFiles” contains all the information needed to access or manage the online hosting service. We registered two domain, “http://ticketvault.tk” and “http://ticketvault.cu.cc/” The “.tk” is pointing to the “.cu.cc”, the “.cu.cc” is pointing to the nameserver of our hosting provider.

**2. What did not go well?**

The login interface originally designed as a dropdown box. However, we found out it is little bit difficult to achieve using this template. We redesigned it using an additional login page. It is implemented similar to the sign up page. After implementing the login page, we found that it is much clearer than the login field, so we will continue to use login page instead of login field.

**3.How should you improve?**

1. Improve the reusability of our page. We would like to implement a base page allow other page to extend it. In this way, we don’t have to change different page if the top banner or footer of the page is changed.
2. Improve signup page. We should improve the signup page to let it display the information that user has typed in when there is any error occurs that let user remains in the page
3. Improve the user privacy of our website. We used to directly store the user’s information like email, password, etc in our database. Now we would like to encrypted all these information before inserting them to our database.