The Gallery Walk Project Schedule

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***The 4 bits***

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**Week 1 : 2/17/16**

**Tasks:**

Central Menu – Design and implement a menu that will persist across all views.

CSS – Design and implement a start to a CSS for the style and colors for the website.

**Deliverables:**

A basic menu for navigating from view to view.

**Testing:**

Ensure the main menu loads the appropriate page based on the button pressed.

**Week 2 : 2/24/16**

**Tasks:**

Gallery Owner Entity – The Object that will maintain the login information for the server, it should contain Gallery Owner Information.

Gallery Owner Session Entity – The Object that will maintain the login information for the server, it should contain at minimum a username, password and a session ID granted by the server.

Login View – Design and implement a view to input login information and save them to a Gallery Owner Session Entity.

Registration View – Design and implement a view to input Gallery Owner information and save them to a Gallery Owner Entity.

**Deliverables:**

A Gallery Owner entity and gallery owner session entity that stores the appropriate data.

A basic login and register view that validates the input fields and saves the data to the gallery owner and gallery owner session entities.

**Testing:**

Test the Login view and register view save data to the entities and throws appropriate errors to the gallery owner for invalid inputs.

**Iteration:**

Add a login button to the central menu and test to ensure it redirects to the login view from any view, edit CSS as needed for more content

**Week 3 : 3/2/16**

**Tasks:**

Gallery Owner Registration and login functionality.

Owned Galleries View.

**Deliverables:**

The Registration View sends a registration request to the database after it saves the Gallery Owner Information to the Gallery Owner Entity.

The Login view now logs in the Gallery Owner sends a login request to the database and saves the returned session ID to the Gallery Owner Session Entity.

The Owned Galleries View to view the galleries of the Logged in Gallery Owner.

**Testing:**

Ensure the Registration and Login views both return correct errors to the gallery owner on input validation failures and on errors on the Database side. The Database should return specific errors based on the problem and they should be displayed to the Gallery Owner.

Ensure the Owned galleries view renders with the correct Gallery owner information.

**Iteration:**

Verify the Gallery Owner Session entity saves all the correct data returned from the database, and the gallery owner entity information is persisted across view changes, edit CSS as needed for more content

**Week 4 : 3/16/16**

**Tasks:**

Gallery entity – The Object that will maintain the gallery information for the server, it should contain Gallery Owner Information.

Artist entity – The Object that will maintain the Artist information for the server, it should contain Artist Information.

Artwork entity – The Object that will maintain the Artwork information for the server, it should contain Artwork Information.

**Deliverables:**

A gallery, Artist and artwork entity that stores the correct information relating to the entity.

**Testing:**

Verify the entities save the correct data to persist in the views, make sure the entities are accessable to the views that needs them.

**Iteration:**

Verify the Gallery Owner entity contains all the correct galleries associated with it.

Edit the Owned Galleries View to render new Gallery Entities associated with the Gallery Owner.

**Week 5 : 3/23/16**

**Tasks:**

Database schema – Design and implement a schema for Gallery owners, galleries, artists and artwork.

**Deliverables:**

A working database for Gallery Owners, galleries, artwork and artist entities

**Testing:**

Verify that the Schemas are consistent with website entities, and that errors are returned depending on the attribute’s requirement. i.e. if the field is required and if there are restrictions on what it can accept.

**Iteration:**

Verify the website entities can be saved to a new database.

**Week 6 : 3/30/16**

**Tasks:**

Add and Edit Gallery View, Add and Edit Artwork Views, Add and Edit Artist Views

**Deliverables:**

Views to add galleries, artist and artwork information to the corresponding entity.

Views that render existing entity information in a view of text fields that can be edited

**Testing:**

Verify that the the add views are creating and storing corresponding information to an entity.

Verify the edit view is rendering the correct stored information and saving any modifications.

Also verify that the views are returning the correct errors for field validation.

**Iteration:**

Verify that the gallery Owner Entity has connections to the galleries and objects and the information persists during the gallery owner login session, edit CSS as needed for more content

**Week 7 : 4/6/16**

**Tasks:**

Gallery Directory View

Gallery Information View

Artist Information View

Artwork Information View

**Deliverables:**

A Directory view of all the galleries the service has on the database

A gallery information view to display all the information for the related Gallery

An Artist information view to display all the information for the related Artist

An Artwork information view to display all the information for the related Artwork

**Testing:**

Verify a user can navigate through the gallery directory to the corresponding Gallery Information view, the Gallery Information view should render correct data that was loaded from the server.

Verify a user can navigate to both Artists and Artwork Information Views from the gallery information View, and that those views correctly display the information of the corresponding entity.

**Iteration:**

Edit the Central Menu to have a Gallery Directory View button that routes the user to the Gallery Directory View, edit CSS as needed for more content

**Week 8 : 4/13/16**

**Tasks:**

Image Download

**Deliverables:**

Images should now be stored on the correct entity and viewable on website.

**Testing:**

Verify the images load on the Gallery, Artist and Artwork Information Views.

Verify the images load on the Edit Gallery, Artist and Artwork Views.

**Iteration:**

Edit CSS as needed for rendering images

**Week 9 : 4/20/16**

**Tasks:**

Image Upload

**Deliverables:**

Gallery Owners should now be able to upload images through their browser while logged in

**Testing:**

Verify the images upload to the database

**Iteration:**

Edit CSS as needed for image upload windows on add and edit entity views.

**Week 10 : 4/27/16**

**Tasks:**

Full product testing

**Deliverables:**

Final product

**Testing:**

All features

**Iteration:**

As needed