ELABORATION REPORT – PHASE 1

Winpin – Uwindsor Event Management Portal

An online UWindsor events platform to participate in events as well as create engaging virtual events

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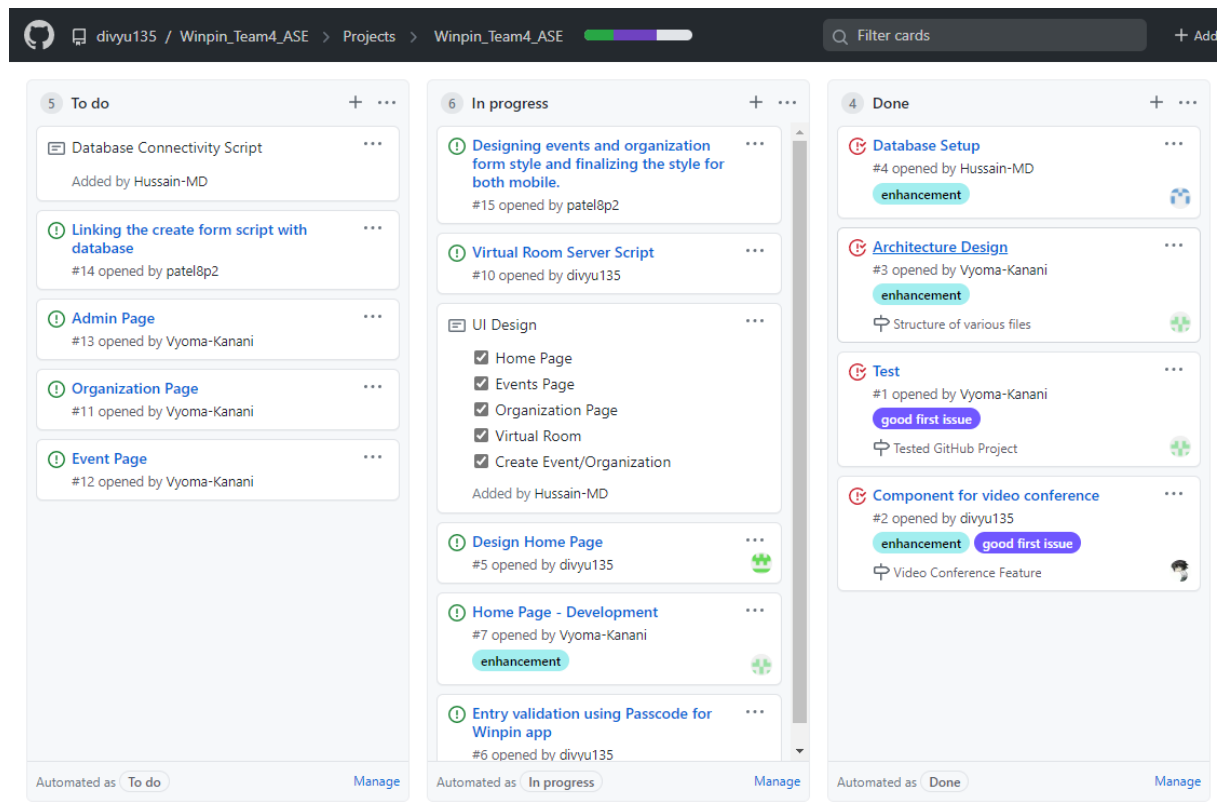*hussai23@uwindsor.ca*

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1. Objective:

The object of this project is to design an Event Management portal "**Winpin**", that allows users to participate in events and create engaging virtual events. The event portal will allow users to keep track of the different events, the schedule, the organizers and the overview of the events. The Organizers should be able to login to the system as an administrator to add and modify the events and view/edit participant list.

2. Task:

The below are the list of tasks that are required to be performed for the creation of the "Winpin" event management portal.

i. *Architecture Design:*
ii. *UI Design:*
iii. *Page Creation:*
iv. *Create Form:*
v. *Database Creation:*
vi. *Server Script Development:*
vii. *Documentation:*
viii. *Test Case Design:*

3. Task Report:

S.No	Task	Assignee	Status	Time Box	Completion Date
1	Architecture Design	Vyoma	Completed	2 Hours	31st October
2	UI Design	Sam Patel	Completed	3 Hours	2nd November
Front End					
3	**Page Creation**				
	a. Home Page	Vyoma	Completed	4 Hours	7th November
	b. Events Page	Vyoma	To be Started		
	c. Organization Page	Vyoma	To be Started		
	d. Create Page	Vyoma	In Progress	2 Hours +	
	e. Virtual Room	Divyajeet	Completed	18 Hours	5th November
	f. Virtual Room entry Validation	Divyajeet	In Progress	8 Hours +	
	g. Admin Page	Vyoma	To be Started		
4	**Create Form**				
	a. Event Form	Sam Patel	Completed	3 Hours	7th November
	b. Organization Form	Sam Patel	Completed	3 Hours	7th November
Backend					
5	**Database**				
	a. Schema Creation	Hussain	Completed	1 Hour	6th November
	b. Tables and Columns	Hussain	Completed	8 Hours	6th November
	c. Relationship between tables	Hussain	Completed		6th November
	d. ER Diagram	Hussain	Completed	1 Hour	7th November
6	**Server Script Development**				
	a. Database connectivity	Hussain	To be Started		
	b. Events Page Script	Divyajeet	To be Started		
	c. Organization Page Script	Divyajeet	To be Started		
	d. Create Page Script	Sam Patel	To be Started		
	e. Token and Passcode Validation	Divyajeet	Completed	8 Hours	7th November
	f. Admin Page Script	Vyoma	To be Started		
Documentation					
7	Documentation	All	In Progress	4 Hours +	
8	Test Case Design	All	In Progress	6 Hours +	

4. Test Cases:

4.1 Test Item – Home Page

S. No	Action	Input Value	Expected Results	Actual Results	Passed/Failed
4.1.1	Access Home Page in Desktop	URL – " "	Home Page should be visible	Home Page is visible	Passed
4.1.2	Access Home Page in Mobile Device	URL – " "	Home Page should be visible	Home Page is visible	Passed
4.1.3	Access Home Page in different browsers (Chrome, Safari, FireFox)	URL – " "	Home Page should be visible	Home Page is visible	Passed
4.1.4	Responsive Navigation bar	Resizing the browser screen	Navigation bar should display the content properly depending on size of screen	Navigation bar displays the content properly depending on size of screen	Passed
4.1.5	Responsive Footer	Resizing the browser screen	Footer should display the content and alignment properly depending on size of screen	Footer displays the content and alignment properly depending on size of screen	Passed
4.1.6	Responsive content	Resizing the browser screen	Content of the homepage (details and Images) should resize depending on size of screen.	Content of the homepage (details and Images) should resize depending on size of screen.	Passed
4.1.7	Responsive sidebar	Resizing the browser screen	Sidebar should display based on the size of screen	Sidebar styling issue.	Passed
4.1.8	Auto displaying sidebar in Mobile view	View the site on Mobile screen	The Sidebar should appear and the buttons for routing through pages should disappear.	The Sidebar appears and the buttons for routing through pages should disappear.	Passed
4.1.9	Slideshow for images working properly	None	The slides of Images should automatically change	The slides of Images changes automatically	Passed

S. No	Action	Input Value	Expected Results	Actual Results	Passed/Failed
4.1.10	Redirecting to proper Link (Footer)	Click on the Link provided in Footer section	User should be redirected to appropriate Link.	User are redirected to appropriate Link.	Passed
4.1.11	Routing	Click on Routing buttons provided in Navigation bar	The site should display appropriate pages on click event.	Appropriate pages are displayed on click event.	Passed

4.2 Test Item – Create Form

S. No	Action	Input Value	Expected Results	Actual Results	Passed/Failed
4.2.1	Access the page from any page	Including each page link on their following button	When we click any specific button from the create for e.g.- Home button or any other it should take the user to that page.	The page changes as the user clicks on the certain button and takes him to that page	Passed
4.2.2	Display correct form style	Using appropriate style and format to create a form	The form should have appropriate structure and form style	Styling is uneven.	Failed
4.2.3	Generating Two separate form for events and organization	Creating two separate forms using the same style but contains different input values	Displays two separate forms one for event creation and Organization creation	Two separate forms with their appropriate input values are displayed on the screen	Passed
4.2.4	Restricting certain inputs with appropriate type and size.	Specifying and restricting input type and size of text	Certain inputs like name and organization name will be restricted to text input with certain given size, whereas ID would be restricted to numbers.	It is allowing user to input based on datatype defined in Database.	Passed
4.2.5	Submit button to send all the filled information and request for creating an event or an organization	Create a submit button which links with database to successfully submit all the task info and store it in the database.	It should allow the user to submit the form successfully and that info should be stored in the appropriate table in the database	Data is stored as expected in the respective Database table	Failed
4.2.6	Reset option to reset all the tasks in the form in case the user wants to start all over	Reset button erases all the info in the task and set to all blank so that the user can start all over	It should erase all the entered info into the task and reset it to the default set info	Values are reset to default.	Passed

4.3 Test Item – Database

S. No	Action	Input Value	Expected Results	Actual Results	Passed/Failed
4.3.1	Check if correct data is getting saved in the database	Enter inputs in Create Form page	Form details should be saved successfully in Events Table	Details entered successfully in Events table	Passed
4.3.2	Check if correct data is getting saved in the database	Enter inputs in Create Organization page	Form details should be saved successfully in Organization Table	Details entered successfully in Organization table	Passed
4.3.3	Check values for columns that are not accepting null values.	In the User table enter a new record with UwinID column as null	An Error is thrown requesting for value for UWinID column	An Error is thrown requesting for value for UWinID column	Passed
4.3.4	Check if the database fields are designed with the correct data type and data length.	None	Data types and Data length are set properly	Event URL Column contains small data length for URL column	Failed
4.3.5	Check if all the table constraints like a Primary key, Foreign key, etc. are implemented correctly.	None	Primary Key and Foreign key are implemented as per design	Primary Key and Foreign key are implemented as per design	Passed
4.3.6	Null values should not be allowed for the Primary key column.	In the Events table enter a new record with Primary Key column "EventID" as null	An Error is thrown requesting for value Primary Key column "EventID"	An Error is thrown requesting for value Primary Key column "EventID"	Passed

4.4 Test Item – Virtual Room

S. No	Action	Input Value	Expected Results	Actual Results	Passed/Failed
4.4.1	Check if multiple users can participate in one virtual room.	Use multiple browsers to check the action	Multiple users should be allowed to join same room	Multiple are able allowed to join same room	Passed
4.4.2	Check if multiple virtual rooms can be created at the same time	Different room names in different browsers.	Multiple virtual rooms should be created	Multiple virtual rooms are created	Passed
4.4.3	Check audio is working properly	Join a virtual room	Audio of participants should be audible	Audio of participants is audible	Passed
4.4.4	Check if mute audio is working	Click on audio button	Audio should be muted	Audio is muted	Passed
4.4.5	Check video is working properly	Join a room	Video should be visible.	Video is visible	Passed
4.4.6	Check video resolution on different type of devices.	Join virtual room on mobile device.	Video should be visible on different type of devices	Video is visible on different type of devices	Passed
4.4.7	Can join conference without video	Click disable video.	Video should be disabled	Video is disabled	Passed
4.4.8	Can user send files	Send a file	Shared file	Sharing of file fails	Failed
4.4.9	Can user send chat messages	Send a text message	Chat message should be visible	Unable to send Chat messages	Failed
4.4.10	Can chat and video both work at same time.	Send message	Chat and video both should work at same time.	Chat option is not working during Video	Failed
4.4.11	Check if user can disconnect or logout from a call.	Click on disconnect	User should be disconnected	User is disconnected	Passed
4.4.12	Can it show status Speaking, Mute icon	Join room	Display Speaking, Mute icon should be visible	Display Speaking, Mute icon is visible	Passed
4.4.13	Check if a user can rejoin the call after disconnecting.	Disconnect and again join to same room	User should be able to join the virtual room again.	User can join the virtual room	Passed
4.4.14	Is authentication working properly, can	Join with wrong passcode and right passcode	User should not be allowed to join the	Joining to virtual room fails with wrong passcode	Failed

S. No	Action	Input Value	Expected Results	Actual Results	Passed/Failed
	any random user join conference.		room without correct passcode.		
4.4.15	Can user view list of participants?	Join a room	Participants should be visible	Participants list is visible	Passed
4.4.16	If one user disconnects then will call end for others too	Click disconnect in one window	Call should not be affected if one user disconnects	Call does not get disconnected when a user disconnects	Passed
4.4.17	Video thumbnail of other participants should be visible	Join room	Thumbnails should be visible	Thumbnails are visible	Passed
4.4.18	Is audio audible if virtual room window is minimized	Click minimize button	Audio should be audible	Audio works after windows is minimized	Passed
4.4.19	Can user share his/her screen?	Click on share screen button	Other users should be able to view the shared screen.	User are be able to view the shared screen.	Passed

5. Documentation:

Link to the Project Documentation - https://divyu135.github.io/Winpin_Team4_ASE/

6. Project Repository:

Link to the Project Documentation - https://github.com/divyu135/Winpin_Team4_ASE