22481 - CMPS350 Project Phase I

Section L01

Spring 2023

ConfPlus Project

Dr. Mahmoud Barhamgi

Group Members:

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CMPS 350 Project Phase 1 – WebApp UI Design and Implementation

Conference Management System (ConfPlus)

Criteria	%	Functionality*	Quality of the implementation	Your Grade
Application Design: Entities, Repositories and Web API class diagrams, flow diagrams	**10%**	***Working (100%)***		
Complete and correct implementation of the requirements:	**80%**	***Working (100%)***		
• Login	**10%**	***Working (100%)***		
• Submit paper	**20%**	***Working (100%)***		
• Review paper	**20%**	***Working (100%)***		
• Create/update conference schedule	**20%**	***Working (100%)***		
• Get conference schedule	**10%**	***Working (100%)***		
Testing, documentation, and group work: - Use screen shots to illustrate your tests. - For every team member detail the list of accomplished tasks by the member, **and** the overall contribution percentage to the project (%). - Team coordination: describe in a concise way how the team members collaborated to achieve the project. List the collaboration tools that you have used, if any **All of these elements should be reported in the template below**	**10%**	***Completed (100%)***		
Total	**100%**			
Copying and/or plagiarism or not being able to explain or answer questions about the implementation	**-100%**			

1. Verification source code

GitHub Repo: https://github.com/Maroibo/Confplus

2. Current status of the project implementation

List of fully implemented use-cases and functionalities:

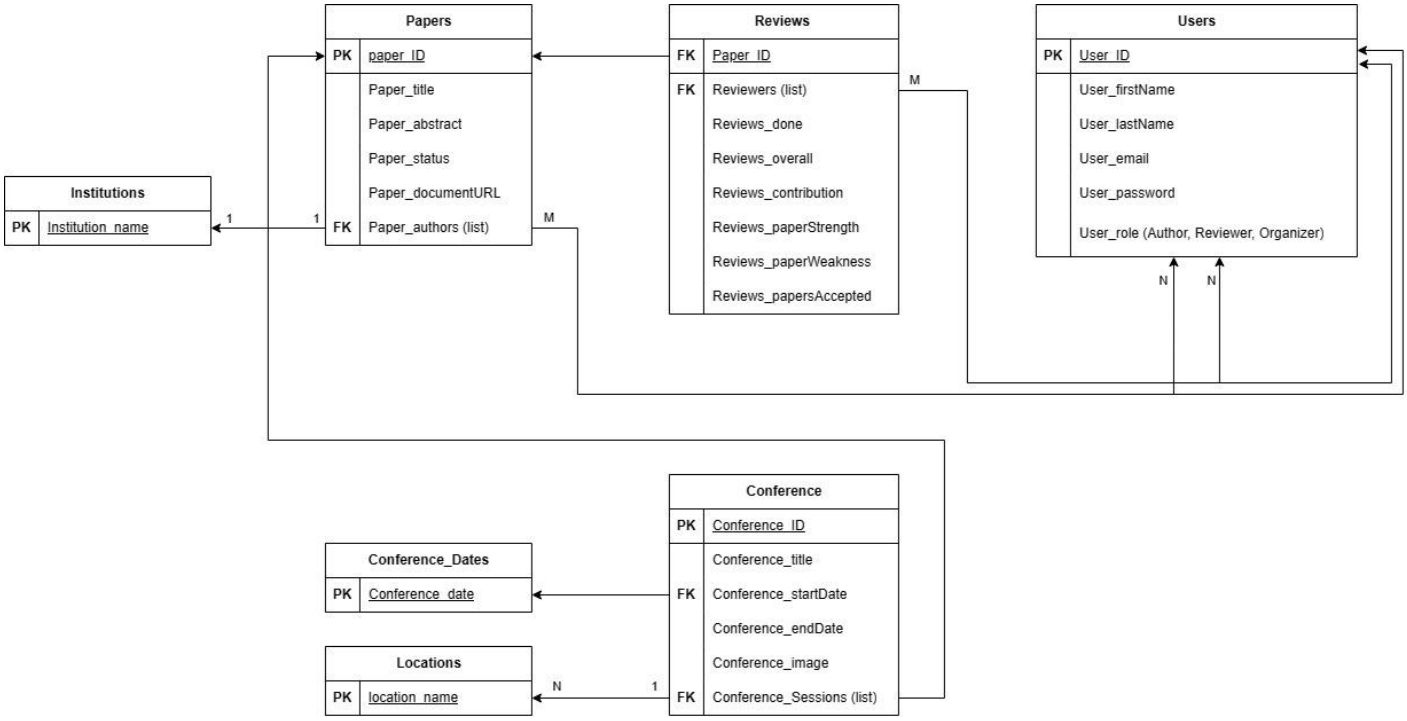
- **Case 1: Login page | Working 100%**
- **Case 2: Author page | Working 100%**
- **Case 3: Reviewer page | Working 100%**
- **Case 4: Organizer page | Working 100%**
- **Case 5: Conference Schedule page | Working 100%**

3. Project assumptions

- **We assumed that there are multiple conferences which are hard coded (as mentioned by you).**
- **We assumed that the session's object is inside the conference.**
- **Due to this change, we made the filtering option inside the conference-schedule page which means filtering the sessions inside the conference (We did not filter the conferences itself because conferences had a start and end date, and it did not have a specific date unlike the sessions).**
- **We used a date picker instead of a select input to filter the sessions (which we demoed Infront of you and you approved).**
- **We assumed that the session could have multiple papers and each session has multiple presenters.**
- **We merged the sessions into the conference object (we had permission given by you to keep this object structure).**
- **We made reviewing papers into its own object called "review".**
- **We made the user submit a link to a shared drive document rather than submitting the whole pdf file (We've asked you before and you approved).**

4. Application Design

4.1. Entities class diagram



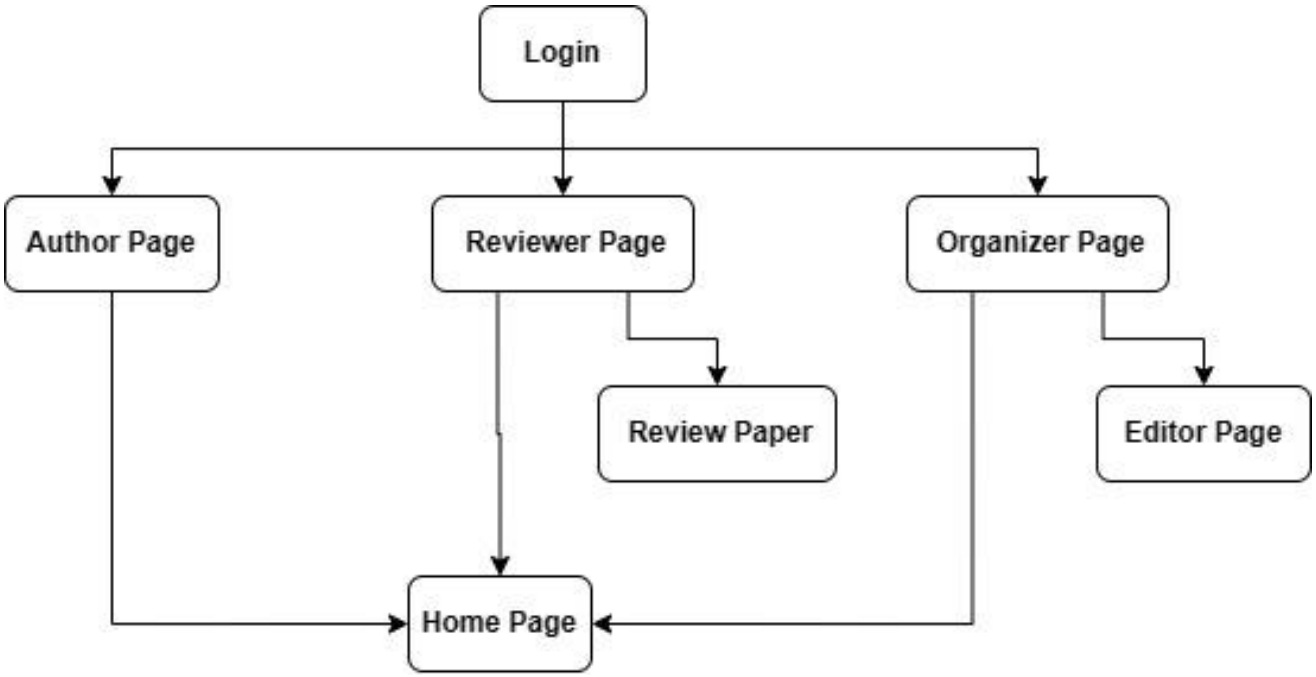
4.2. Web API class diagram

Method	URL	Description
GET	**/api/conference**	**It reads all the conferences and returns a JSON response with the conferences.**
GET	**/api/conference/[id]**	**Retrieve a conference by its ID. It reads the conference and returns the conference object in the response.**

PUT	**/api/conference/[id]**	**Update a conference with a specific ID. It retrieves the ID from the URL parameters and the updated conference data from the request body.**
GET	**/api/date**	**It reads all the dates and returns JSON response with an array of dates.**
GET	**/api/institution**	**It reads all the institutions and returns JSON response with an array of institutions.**
GET	**/api/location**	**It reads all the locations and returns JSON response with an array of locations.**
POST	**/api/paper**	**Reads the request body and creates a new paper, it returns a JSON response containing the new paper object.**
GET	**/api/paper**	**It reads all the papers and returns JSON response with an array of papers.**
GET	**/api/paper/[id]**	**Retrieve a paper by its ID. It reads the paper and returns the paper object in the response.**
PUT	**/api/paper/[id]**	**Update a paper with a specific ID. It retrieves the ID from the URL parameters and the updated paper data from the request body.**
DELETE	**/api/paper/[id]**	**Deletes a specific paper based on the id parameter, and it returns the deleted paper as a JSON response.**
GET	**/api/review**	**It reads all the reviews and returns JSON response with an array of reviews.**
POST	**/api/review**	**Reads the request body and creates a new review, it returns a JSON response containing the new review object.**

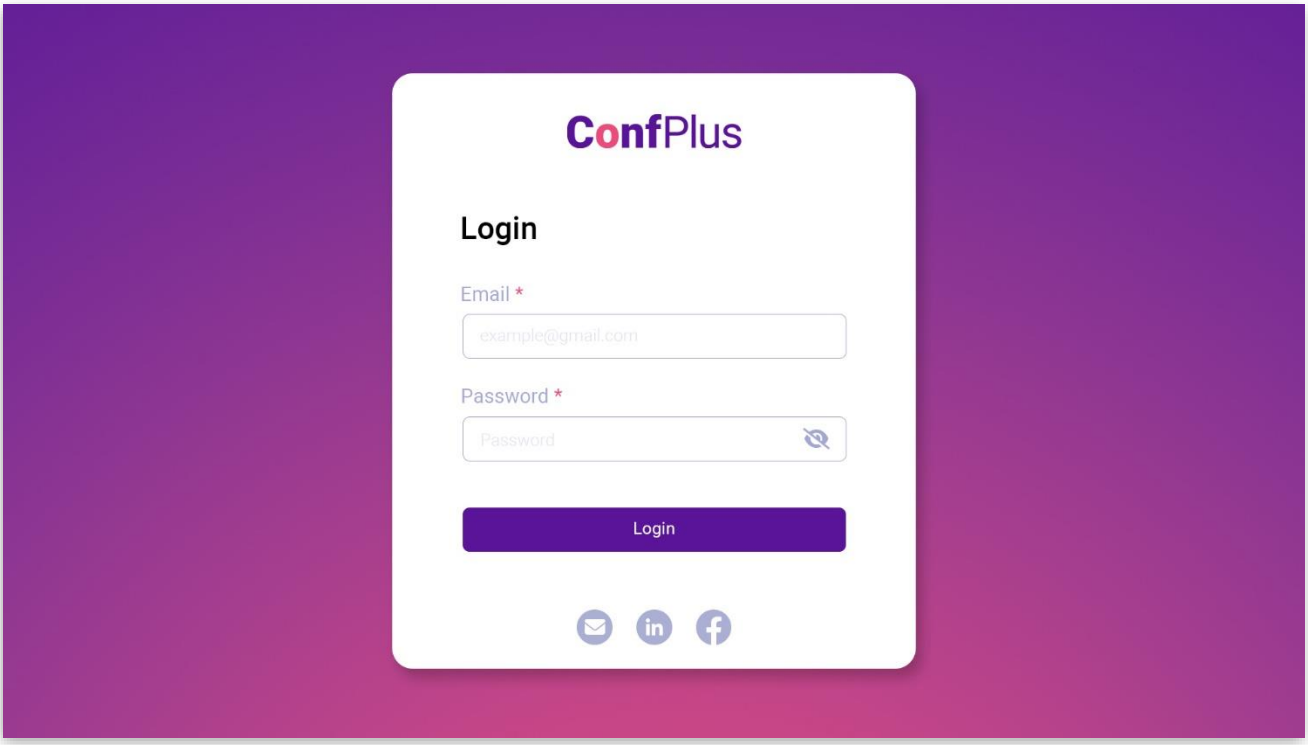
GET	**/api/review/[id]**	**Retrieve a review by its ID. It reads the review and returns the review object in the response.**
DELETE	**/api/review/[id]**	**Deletes a specific review based on the id parameter, and it returns the deleted review as a JSON response.**
PUT	**/api/review/[id]**	**Update a review with a specific ID. It retrieves the ID from the URL parameters and the updated review data from the request body.**
GET	**/api/user**	**It reads all the users and check the type of users to determine the users to retrieve from (author, reviewer, organizer).**
GET	**/api/user/[id]**	**Retrieve a user by its ID. It reads the user and returns the user object in the response.**

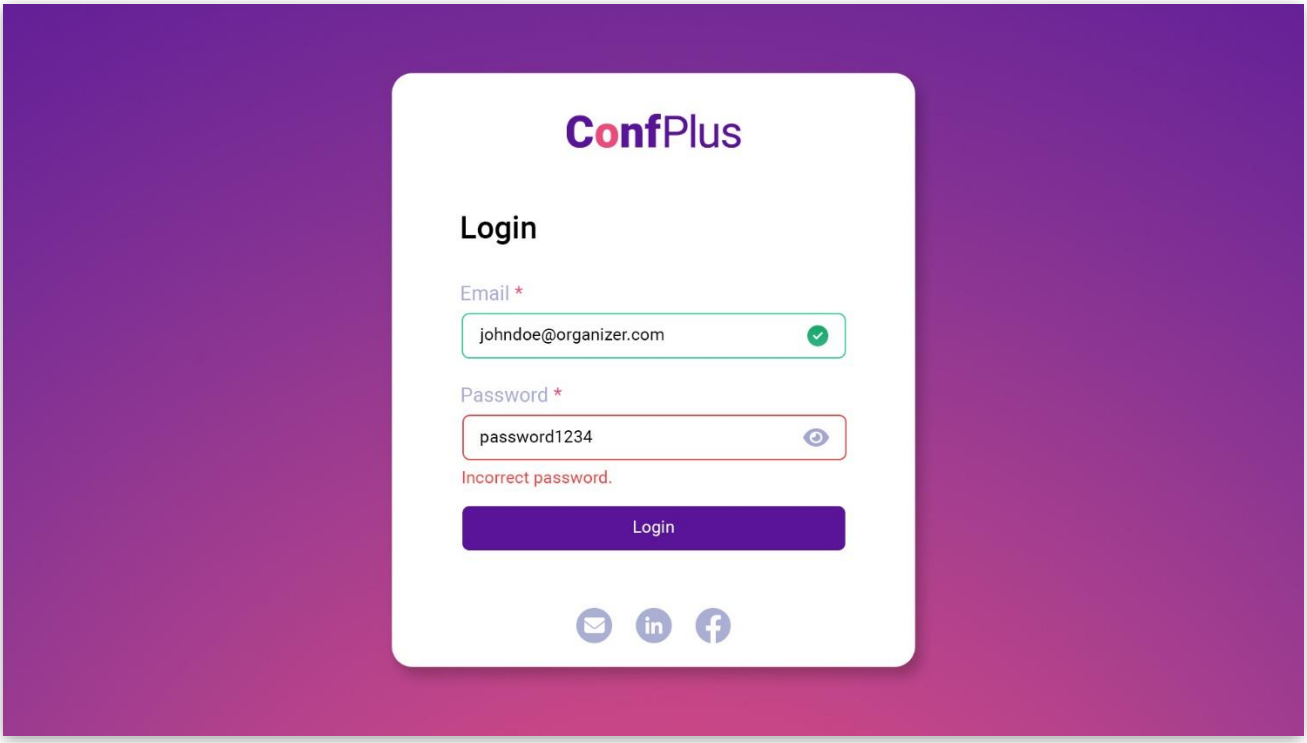
4.3. Control flow class diagram



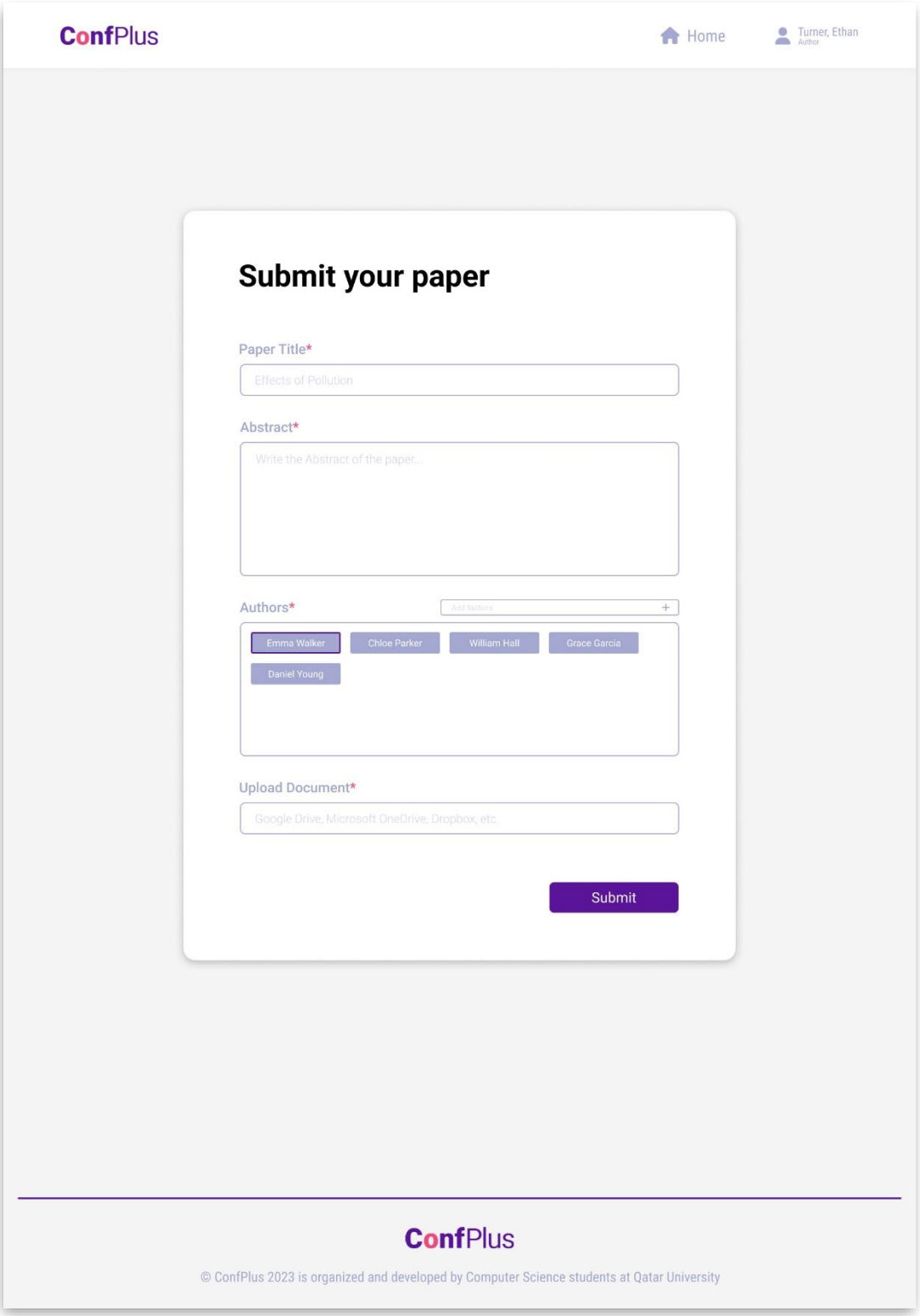
4.4. Figma Sketches (Click on each image to access its Figma file)

- **Case 1: Login page**





- **Case 2: Author page**



- **Case 3: Reviewer page**

Paper Title

The Effects of Mindfulness-Based

Authors

Emma Walker, Chloe Parker, William Hall, Grace Garcia, Daniel Young

Abstract

This study investigates the effectiveness of mindfulness-based interventions in reducing stress levels in college students. A randomized controlled trial was conducted with 100 undergraduate students who reported moderate to high levels of stress. Participants were randomly assigned to either a mindfulness-based intervention group or a control group. The mindfulness-based intervention group received eight weekly sessions of mindfulness training, while the control group received no

Paper Contribution

1	2	3	4	5

Overall Evaluation

-2	-1	0	1	2

Paper Strengths

Write the paper strengths...

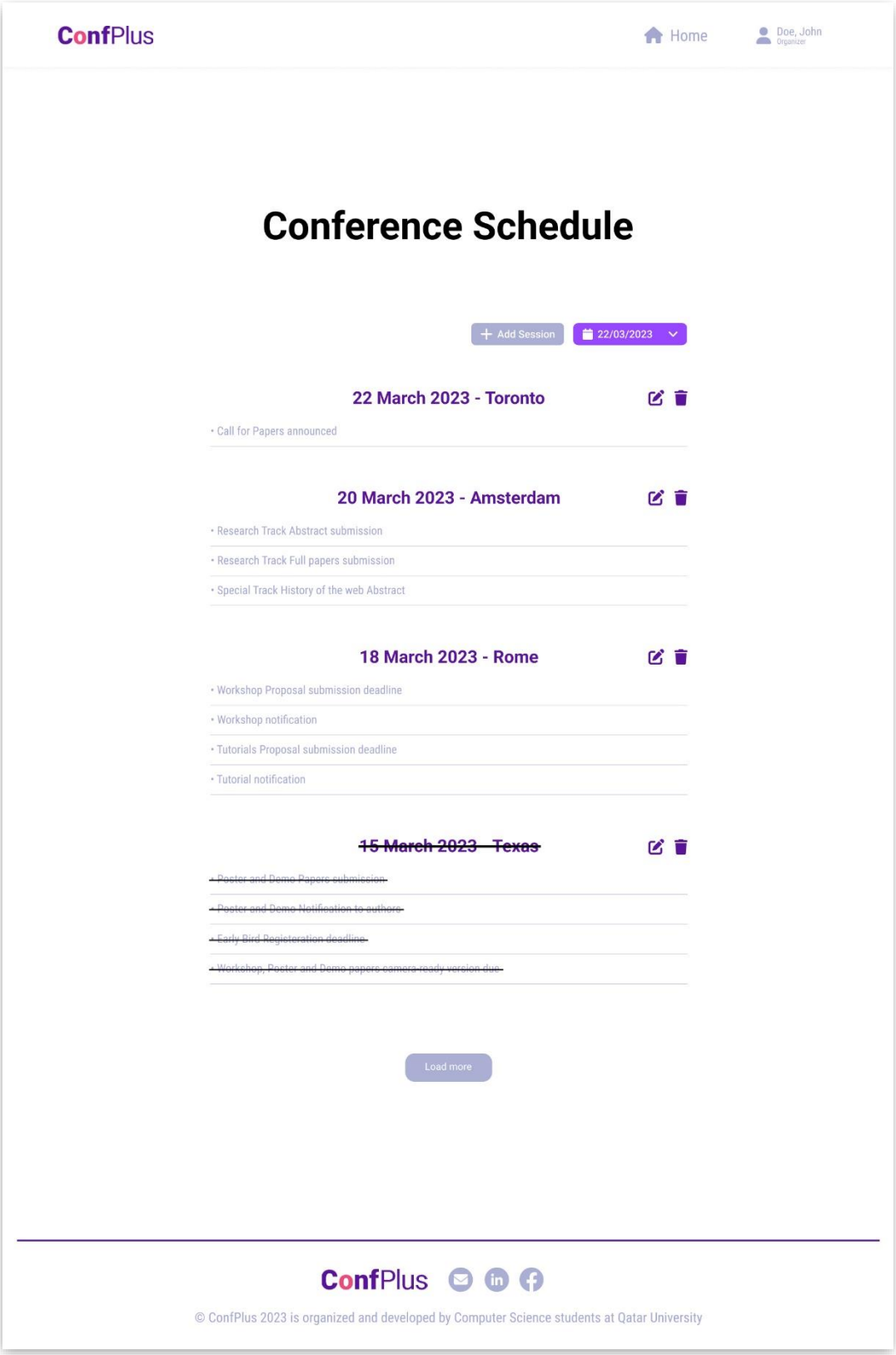
Paper Weaknesses

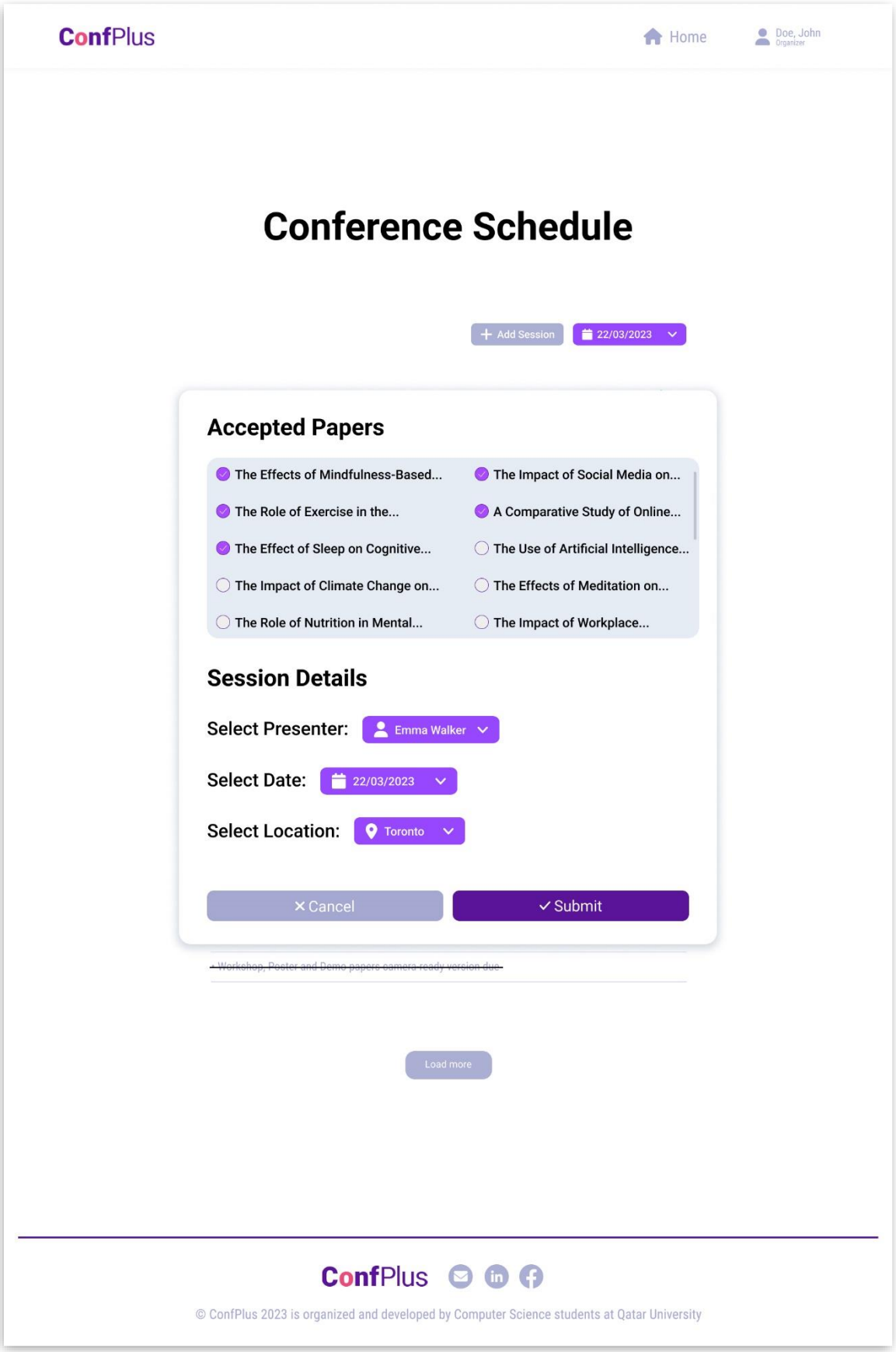
Write the paper weaknesses...

Download

Submit

- **Case 4: Organizer page**




ConfPlus
Home
Doe, John
Organizer
Conference Schedule
Add Session
22/03/2023
Accepted Papers
The Effects of Mindfulness-Based...
The Impact of Social Media on...
The Role of Exercise in the...
A Comparative Study of Online...
The Effect of Sleep on Cognitive...
The Use of Artificial Intelligence...
The Impact of Climate Change on...
The Effects of Meditation on...
The Role of Nutrition in Mental...
The Impact of Workplace...
Session Details
Select Presenter:
Emma Walker
Select Date:
22/03/2023
Select Location:
Toronto
Cancel
Submit
- Workshop, Poster and Demo papers camera ready version due
Load more
ConfPlus
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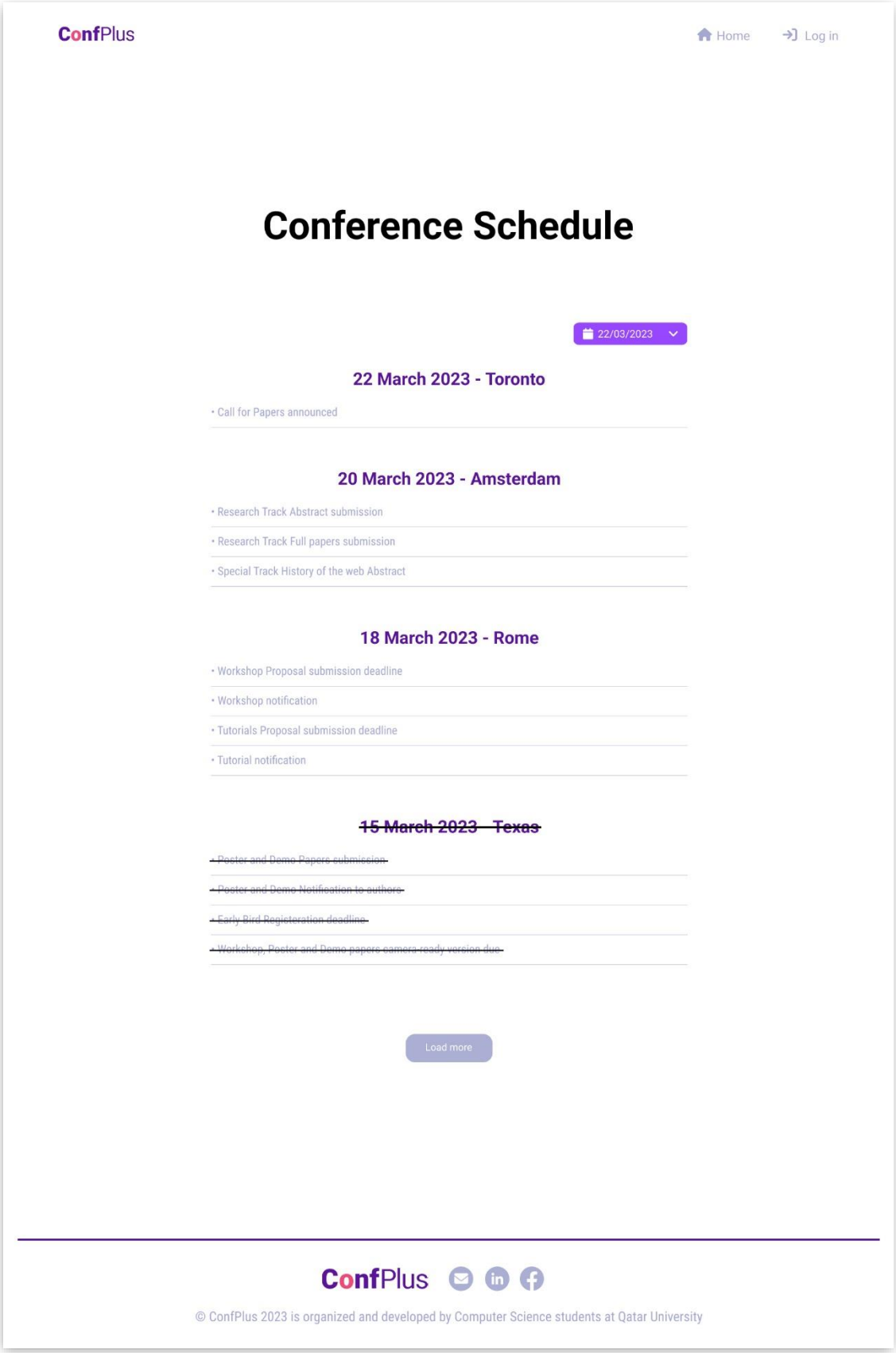
- **Case 5: Conference Schedule**



5. Testing

Uploaded a 5 min video on Dropbox where all pages are tested.

- **Link:** https://www.dropbox.com/s/6gldyy4h82yityc/ConfPlus%20Project%20Test.mp4?dl=0

6. Discussion of the project contribution of each team member

6.1. Team member contributions

- **Marwan Emad accomplished tasks: Author page and Reviewer page and Conference Schedule with all its APIs "api/paper" and "api/review" and "api/institution". Overall contribution percentage: 33.3%.**
- **Abdulrahman Selmi accomplished tasks: Organizer page and Home page with all its APIs "api/conference" and "api/location" and "api/date". Overall contribution percentage: 33.3%.**
- **Alhasan Mahmood accomplished tasks: The design of all pages using Figma and the Login page with its API "api/user". Overall contribution percentage: 33.3%.**

6.2. Team coordination

The team members collaborated closely to achieve the project goals. We used GitHub to manage the codebase, which allowed us to work on different parts of the project simultaneously and merge our changes together seamlessly. We also used Discord to communicate in real-time, share progress updates, and discuss any issues or challenges that arose. We made sure to maintain regular communication and hold each other accountable for completing our tasks on time. Finally, we used Figma to collaborate on the page designs and ensure that they met the project requirements. Overall, our coordinated efforts allowed us to complete the project successfully and meet all the requirements.