



**QATAR UNIVERSITY**  
College of Engineering  
Dept. of Computer Science & Eng.  
Spring 2023 Semester

**CMPS 350 – Web development Fundamentals**  
**Project - Phase 1**

**CRN: 23613, Section: L02**  
Submitted: April 30<sup>th</sup>, 2023

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## 1. Current status of the project implementation

As the project neared completion, we were proud to announce that we had achieved 95% of what was needed to be implemented. However, the team acknowledged that difficulties along the way.

Specifically, the team struggled with the "update schedule" use case, which posed some unique challenges. While we were able to update existing schedules successfully, we faced challenges when attempting to add more sessions to existing schedules. Despite our best efforts, we were unable to resolve this issue before the project's deadline.

Furthermore, the team also faced challenges related to the location dropdown list during updates. On occasion, the location dropdown list failed to load properly, which could cause issues for users attempting to update the schedule. This was a frustrating challenge for the team, as we understood the importance of ensuring that the platform was user-friendly and easy to navigate.

## 2. Team member contributions

Student Name	QUID	accomplished tasks	Overall contribution
Mohamed Dhia Abdaoui	202005886	Usecase 1,2	33.3%
Ridhwan Athaullah	202005171	Usecase 4, 5	33.3%
Mohamad Allaham	202005872	Usecase 3, 4	33.3%

The team collaborated by dividing the project into specific use cases and assigning each member a set of responsibilities. We regularly have meetings on teams and face-to-face meetings, as well as GITHUB for file collaboration. Mohamad Dhia focused on use cases 1 and 2, which involved user login and paper submission. Mohamad Allaham took charge of use cases 3 and 4, which involved paper review and scheduling updates (ADD/UPDATE/DELETE). Meanwhile, Ridhwan contributed to use cases 4 and 5, which involved scheduling object management (ADD/UPDATE/DELETE) and (DATE FILTER). The team maintained regular communication to ensure seamless integration of our work towards achieving the project's overall objectives. As the project neared completion, the team combined each use case to function in accordingly.

During the course of the project, the team encountered a significant challenge that hindered the progress of our work. Specifically, we found it challenging to modify or manipulate JSON files using vanilla JavaScript. This obstacle made it difficult for the team to carry out critical functions related to the project's objectives.

As we attempted to find a solution, the team discovered that local storage could serve as an alternative to manipulating JSON files. While this provided a temporary solution, it wasn't the most efficient way to handle the project's needs. The use of local storage presented its own set

of challenges, including slower load times, limited storage capacity, and the need to ensure that data remained consistent across different browsers.

Despite the challenges, the team persevered and found ways to work around the limitations of local storage. We adopted various strategies to optimize performance and improve efficiency, such as minimizing the amount of data stored in local storage, improving data compression techniques, and optimizing data retrieval processes.

### 3. Visual overview of the project

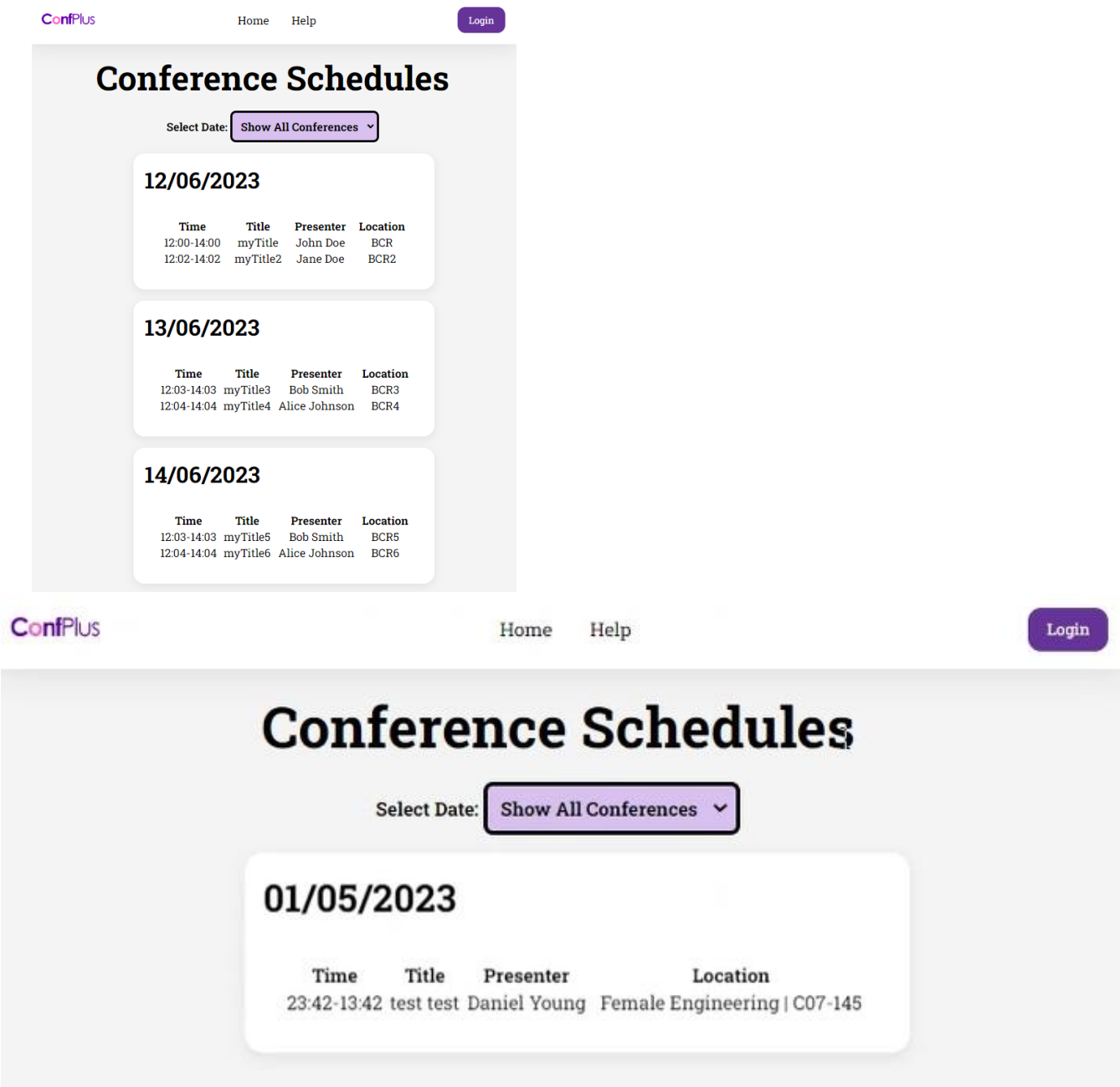


Figure 1 Main HomePage

Login

Email:

password:

[Log in](#)

Figure 2 Login Page

**After Successful Login:**

**If Username is pressed:**

Home | [Edit Schedules](#) | [Add Schedule](#) | [Help](#) Jane Doe

# Conference Schedules

Select Date: [Show All Conferences](#) ▼

01/05/2023

Time	Title	Presenter	Location
23:42-13:42	test test	Daniel Young	[object Object]

Hi, Jane Doe!

Email: janedoe@organizer.com

[Log out](#)

**Homepage view:**

**(for organizer):**

# Conference Schedules

Select Date: Show All Conferences ▾

01/05/2023

Update Schedule



Time	Title	Presenter	Location
23:42-13:42	test test	Daniel Young	Female Engineering   C07-145

## Create Scheduleform:

### Create Schedule

Conference Date: dd-....-yyyy

#### Create Sessions

Enter Session Title:

ENTER SESSION TITLE

Select Paper:

-Select Paper-

Select Presenter:

-Select Presenter-

Select Location:

-Select Location-

Start Time: --:-- --

End Time: --:-- --

Remove Session

Add More Sessions

Submit Conference Schedule

## Modify Schedule:

## Create Schedule

Conference Date: 04/17/2023

## Create Sessions

Enter Session Title:

test

Select Paper:

Farming Assistant Web Services: Agricultor

Select Presenter:

Grace-Garcia

Select Location:

-Select Location-

Start Time: 12:01 PM

End Time: 01:01 PM

Remove Session

Add More Sessions

Submit Conference Schedule

**(for Authors):****Submit paper:**

## Paper Submission

Title:

## Authors

Author 1

First name:

Last name:

Email:

Affiliation:

Select your institution

Add Author

Remove Author

Presenter:

Choose a presenter

Abstract:

Upload the paper pdf file:

Choose File No file chosen

☐ I hereby accept the terms and conditions

Submit paper

(for Reviewer):

ConfPlus

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 Sophie Miller

Reviewing Papers

Website Developmemt Technologies: A Review

Authors:  
Chloe Parker, Zoe Allen, Daniel Young

Abstract ▼

Download Paper ↓

Review

Farming Assistant Web Services: Agricultor

Authors:  
Daniel Young, Grace Garcia

Abstract ▼

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Review

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 Sophie Miller

Reviewing Papers

Website Developmemt Technologies: A Review

Authors:  
Chloe Parker, Zoe Allen, Daniel Young

Abstract ▼

Download Paper ↓

Review

Farming Assistant Web Services: Agricultor

Authors:  
Daniel Young, Grace Garcia

Abstract ▲

Our farming assistant web services provides assistance to new as well as establish farmers to get the solutions to dayto-day problems faced in the field. A farmer gets to connect with other farmers throughout India to get more information about a particular crop which is popular in other states. Keywords: Farmers, Assistance, Web Development

Download Paper ↓

Review

## Submit review: (reviews paper they are assigned to)

ConfPlus

Go Back

Review

### Overall Evaluation:

- ☒ Strong Accept
- ☐ Accept
- ☐ Borderline
- ☐ Reject
- ☐ Strong Reject

### Paper contribution:

- ☐ major and significant contribution
- ☒ clear contribution
- ☐ minor contribution
- ☐ no obvious contribution
- ☐ no contribution

### Paper strengths:

Very Excellent paper

### Paper weaknesses:

Clear Contribution

Submit

Reset

ConfPlus

Go Back

Review

### Overall Evaluation:

- ☒ Strong Accept
- ☐ Accept
- ☐ Borderline
- ☐ Reject
- ☐ Strong Reject

### Paper contribution:

- ☐ major and significant contribution
- ☒ clear contribution
- ☐ minor contribution
- ☐ no obvious contribution
- ☐ no contribution

### Paper strengths:

Very Excellent paper

### Paper weaknesses:



Your Review has been Submitted  
Successfully!

Ok



Date filter:

ConfPlus Home | Edit Schedules | Add Schedule | Help Jane Doe

## Conference Schedules

Select Date: Show All Conferences ▾

Show All Conferences

30/03/2023

03/05/2023

17/04/2023

30/03/2023

Time	Title	Presenter	Location
12:58-14:58	TEST	Daniel Young	BCR Corridors   BCR-E104

Update Schedule

03/05/2023

Time	Title	Presenter	Location
23:59-13:59	TEST 2	Daniel Young	BCR Corridors   BCR-E104

Update Schedule

17/04/2023

Time	Title	Presenter	Location
12:01-13:01	test	Grace Garcia	Female Engineering   C07-145

Update Schedule

ConfPlus Home | Edit Schedules | Add Schedule | Help Jane Doe

## Conference Schedules

Select Date: 17/04/2023 ▾

17/04/2023

Update Schedule

Time	Title	Presenter	Location
12:01-13:01	test	Grace Garcia	Female Engineering   C07-145

## 4. Project Source Code

Project link from GitHub: <https://github.com/ridhwan-ra2005171/WebDevPhase1>