

COS60010 - Technology Inquiry Project

## **Deliverable 3 - Team Project Delivery**

# **CorpU 'Desktop Website (IT department)' Career Application**

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# Website overview: Desktop Website (IT department)



## CorpU University

[Home Page](#)[Perks and Benefits](#)[Contact Us](#)[Login For Staff](#)

Login only for staff of University

[Login](#)

### Perks and Benefits

At CorpU, we are committed to providing an exceptional employee experience that fosters a culture of collaboration, growth, and recognition. We believe that by investing in our staff, we can drive innovation, achieve academic excellence, and make a positive impact on society.

As a member of the CorpU team, you will have access to a wide range of perks and benefits that will enhance your work-life balance and support your professional and personal growth.

For more information go to [Perks and Benefits](#) page

### Contact Us

Contact us at [CorpU\\_University@hotmail.com](mailto:CorpU_University@hotmail.com) [Contact Us](#) page or please leave your inquiry and we will get back to you as soon as we can.

### Why work at CorpU University

CorpU University is a top-ranked university, renowned for its high quality teaching staff and programs. It is home for some of the brightest and well-known teaching professionals in the country who have received the Teaching Awards for excellence leadership and teaching skills that enhance students' experience and learning outcomes. With this great commitment, many courses have received the Program Awards for excellent and innovative curriculums, especially the Department of Information Technology. Moreover, the university offers a range of perks and benefits to its employees, which enhances a collaborative, supportive and fair working culture. With this, CorpU University is an excellent choice for teaching professionals looking for career advancements as well as a life of balance.



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# 1. Client's requirements

## 1.1 Requirements:

Requires a software engineering team to create a central online system to manage the hiring process for a large quantity of casual staff

## 1.2 Target Users: Roles

### User 1 (Accepted Applicants - Teachers)

- See a list of units looking for staff
- Input their details
- Request which classes to teach
- Provide their availability

### User 2 (Permanent Staff/Admin)

- View a list of people interested in their unit, including their details and availability
- Update the status of specific teachers and remove records of them



## 2. User story

### 1. End-User: Accepted Applicants - Teachers

User of: Front-end public access & Login staff portal



"My name is John Smith. As a fresh graduated from the Master of Information Technology course, I have been accepted to be a teaching assistant at CorpU university. Next, I want to visit CorpU's career website where I can be reassured that I have selected the right university to work with and log into my portal to provide my preferred classes to teach"

*John Smith– CorpU Accepted Applicant (teacher)*

### 2. CorpU Admin: CorpU staff

User of: Front-end Staff log in & Timetable / Back-end database



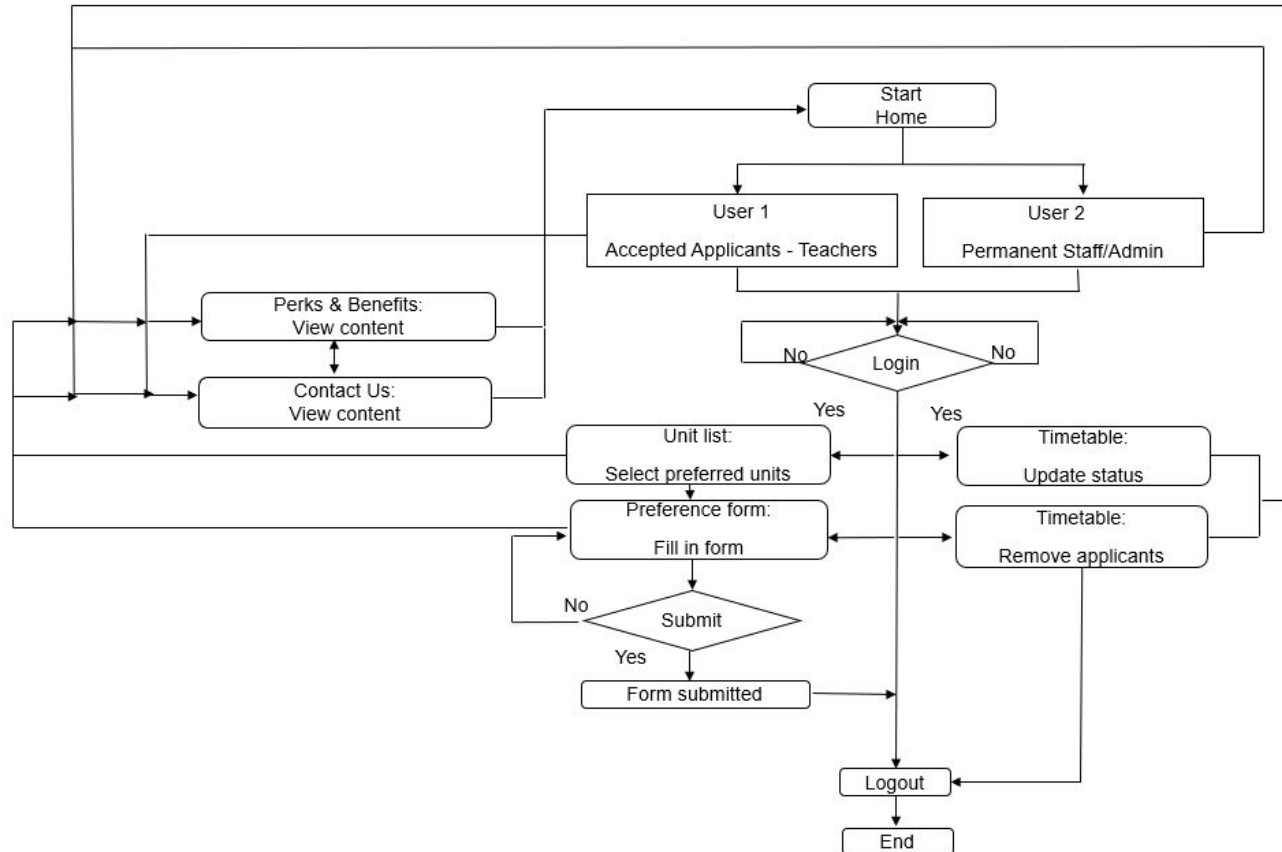
"My name is Tom Brown. As a permanent staff at Corp U, I want to access information of the teaching assistants to see the list of interested people, their details, preferred classes and availability so that I can find the right teachers to run classes, labs and workshops for my unit"

*Tom Brown – CorpU Permanent Staff*

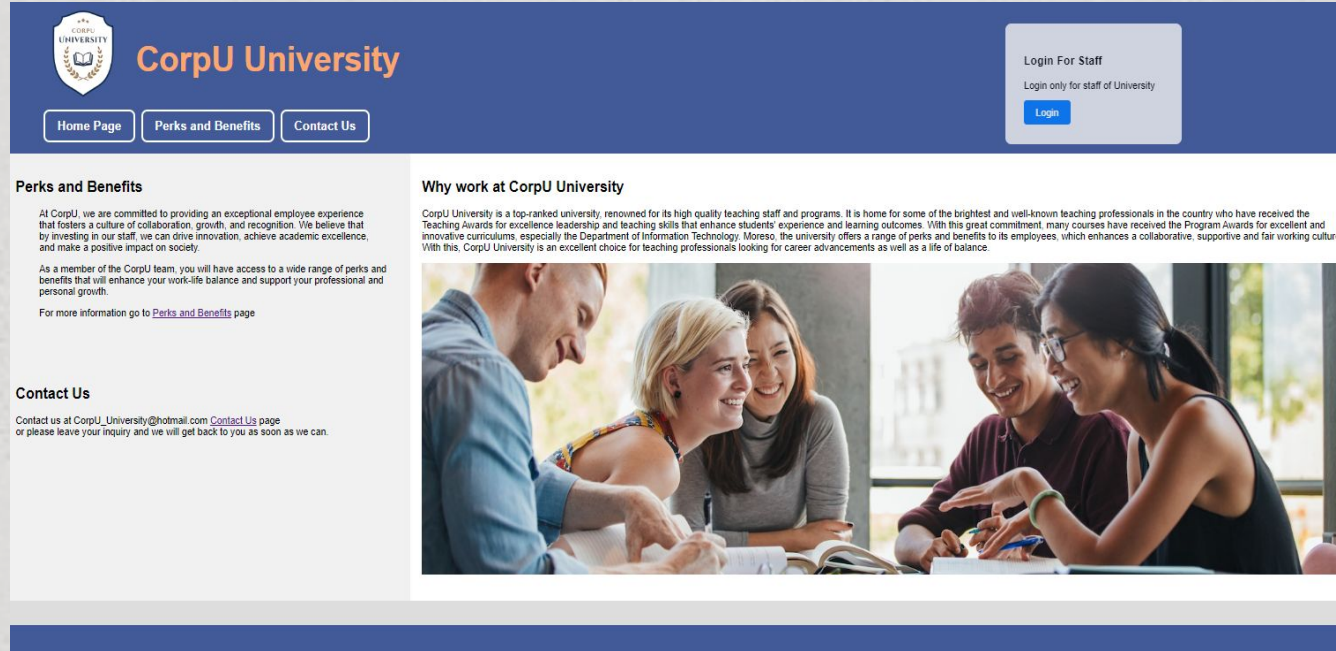


# 3. Website pages

# Flowchart - Overview



# 3.1 Home Page

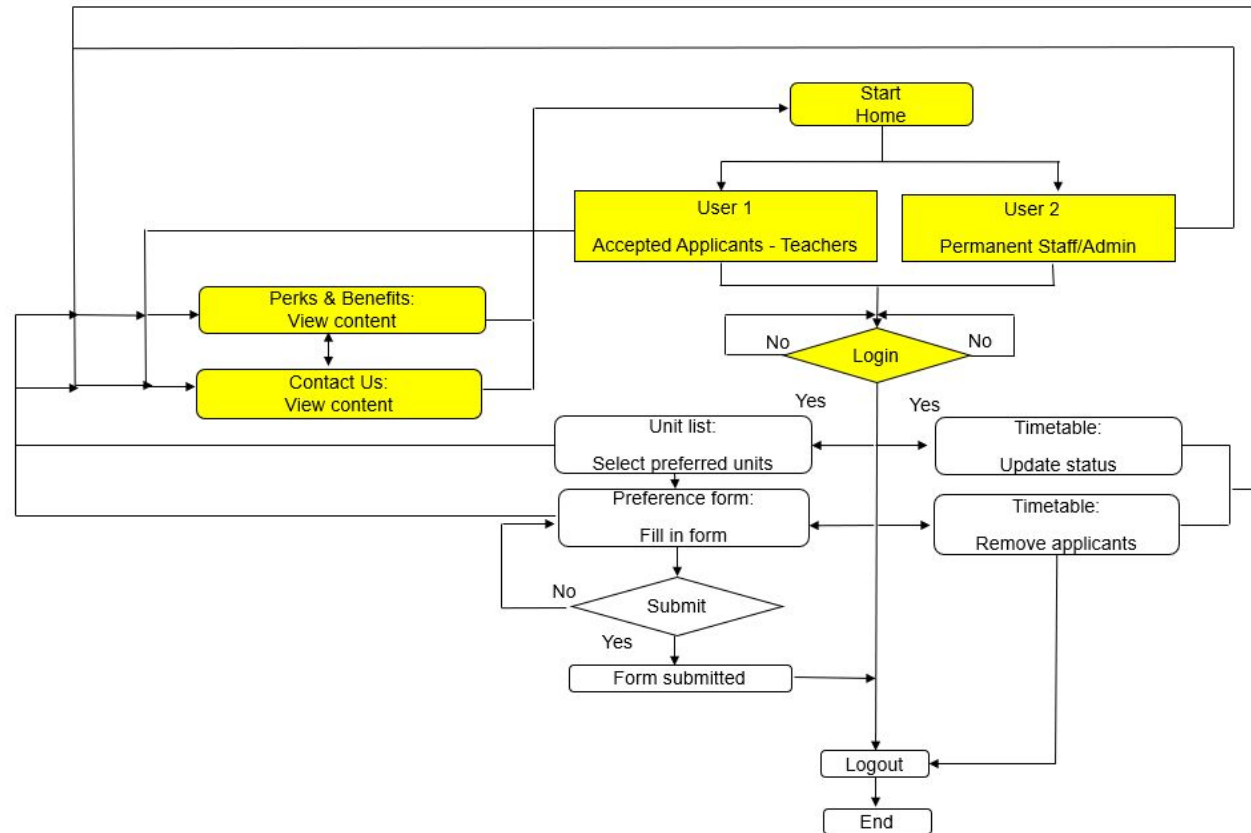


## Description:

The home page provides general information about the university and a staff login feature for teachers and permanent staff to log into their portal

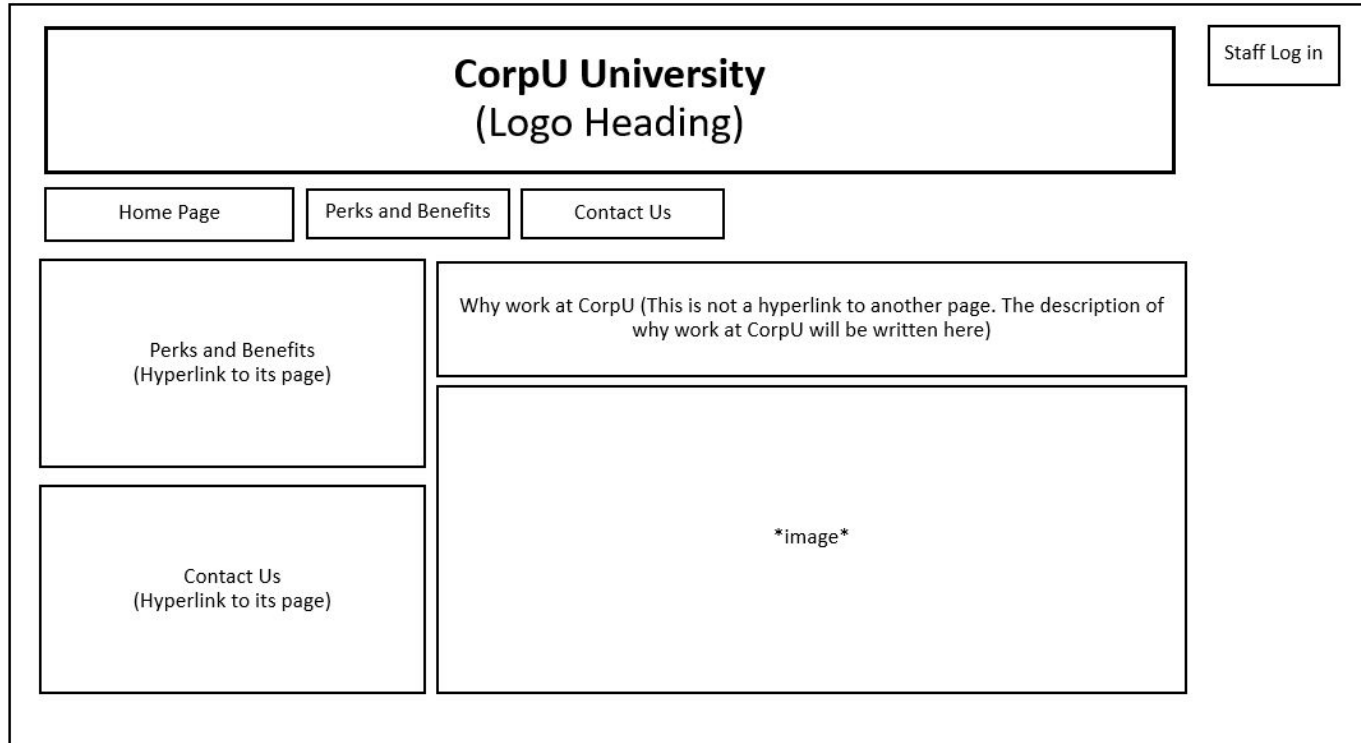


# Flowchart - Home Page



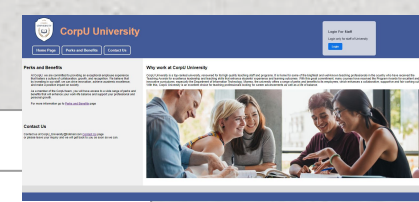
# Home Page: User Interface

## Front-end 1 - Public Access (Index)

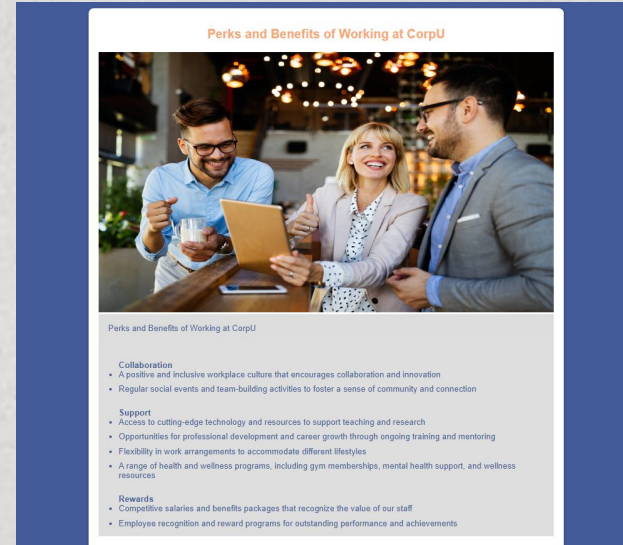
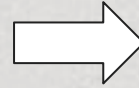
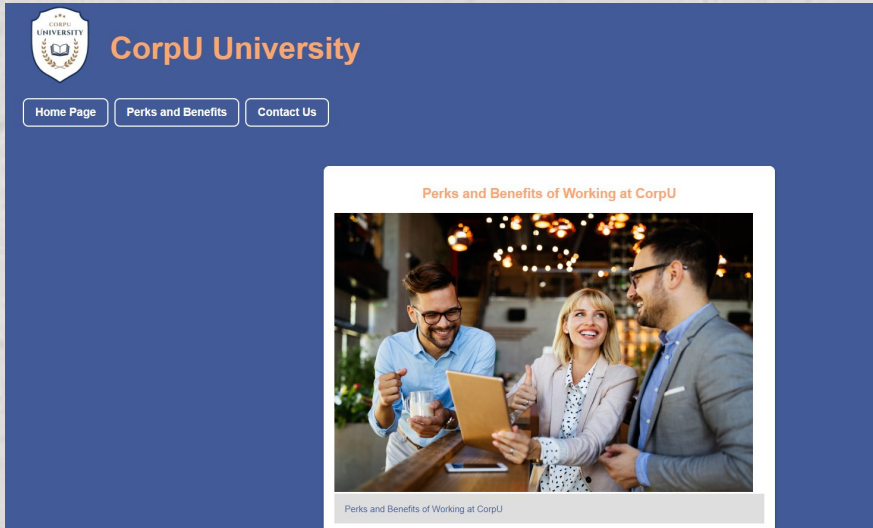


# Home Page: Features

Features	Justification	Technology	Source Code (Main)
Header Navigation bar (Common on all pages)	Time efficient 1.Reduce navigation time 2.Text only- reduce loading time	All: HTML/CSS Color/Layout: CSS	<nav> <p class="menu"><a href="index.html"> <strong>Home Page</strong> </a></p> </nav>
Key colors: Blue, Orange, Grey (Common on all pages)	1.Blue: Trust (in quality of teaching) 2.Orange: Friendly (Approachable staff) 3.Grey: Balance (Well-being)		header {background-color: #425a97;color: #FFFFFF;position: relative;padding:10px}
Font: Arial (Common on all pages)	1.Best web safe fonts 2.Easy to read 3.Looks professional		* {font-family: arial;}
Why Work at CorpU?	Reassure accepted applicants (teachers) That they have chosen the right company to work with		<h2>Why work at CorpU University</h2>  <p id="p">CorpU University is...</p>
Perks and Benefits			For more information go to <a href="benefit.html" class="benefitpage">Perks and Benefits</a> page 
Contact Us	Having on-call support reduces user frustration and improves employee satisfaction and retention		<p>Contact us at CorpU_University@hotmail.com <a href="contact.html" class="contactuspage">Contact Us</a> page </p>
Staff Image	Happy staff images influence staff to feel happy		
Page Layout (sections)	<b>Main section:</b> majority (right) <b>Supporting section:</b> aside (left) <b>Login:</b> upper right & isolated (easy detection)		.side { flex: 30% .main { flex: 70%



## 3.2 Perks and Benefit



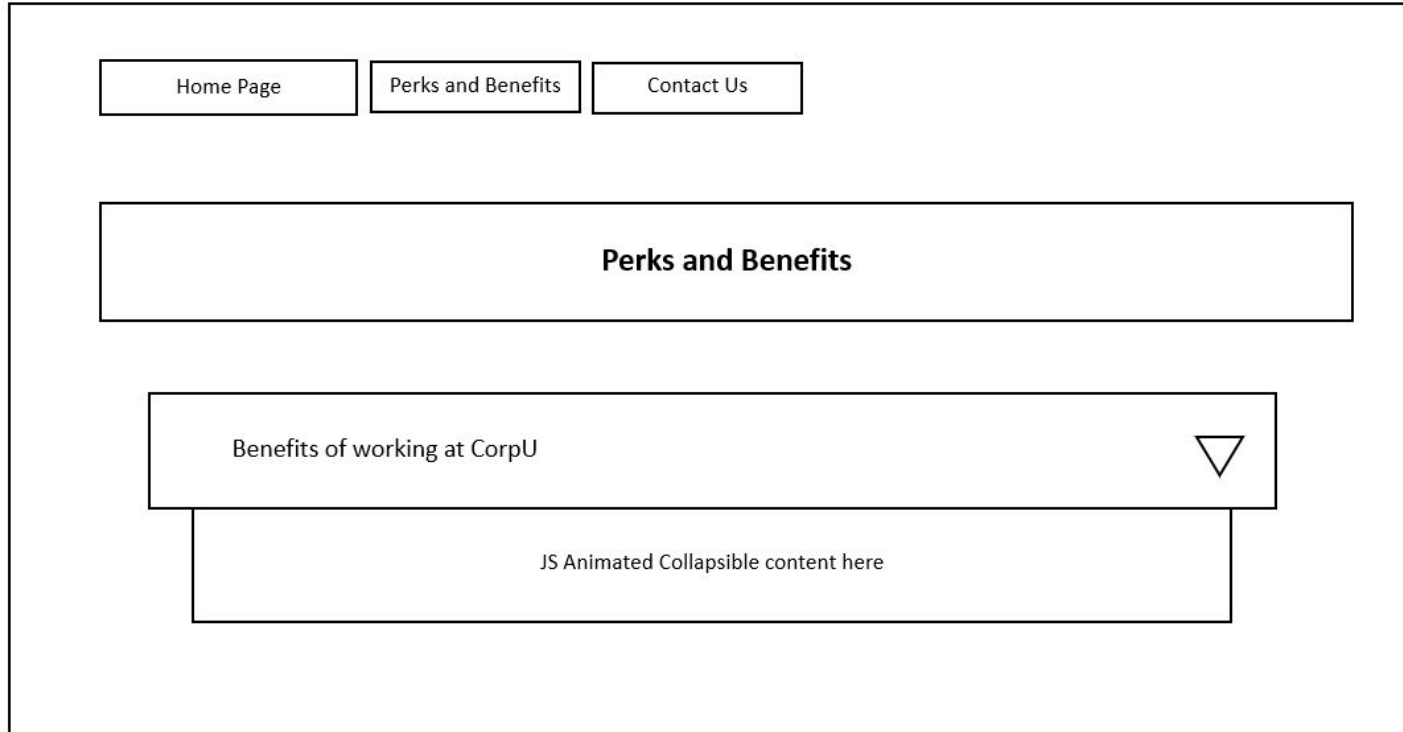
### Description:

Where accepted applicants (teachers) can view the benefits that they will receive as a CorpU's employee which reassures them that they are with the right university

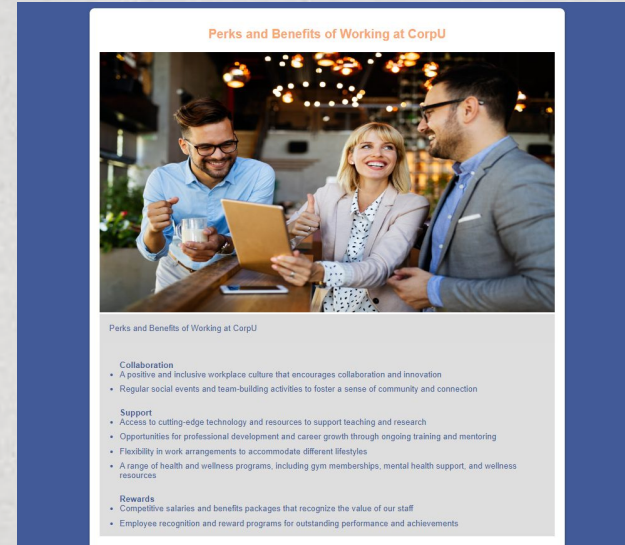
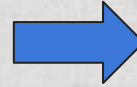
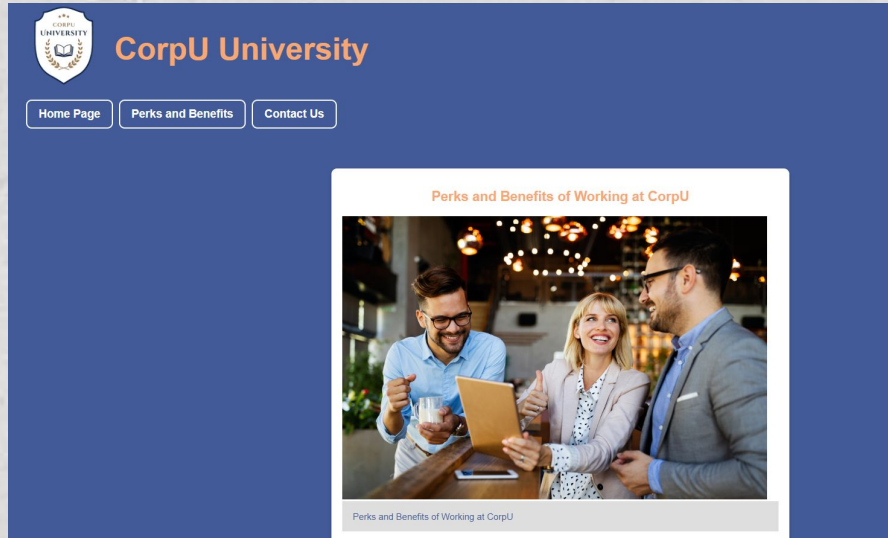


# Perks and Benefit: User Interface

## Front-end 1 - Perks and Benefits Page

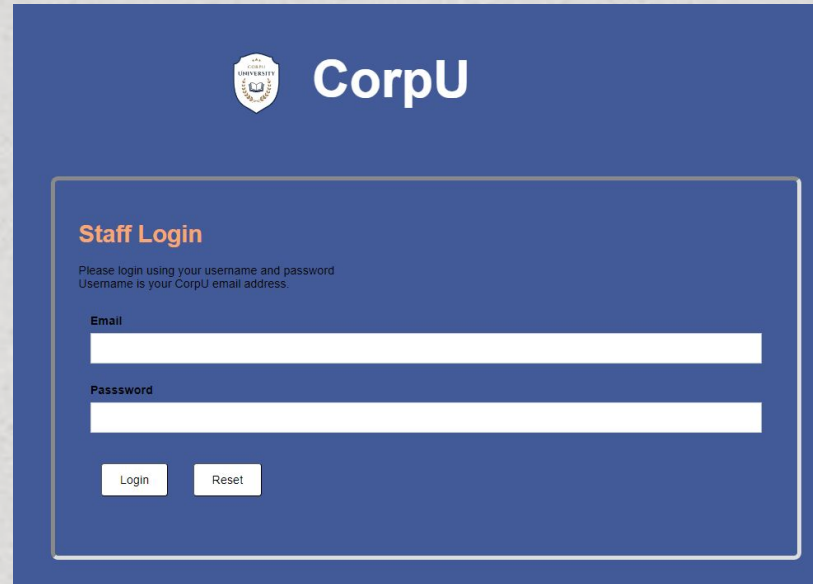


# Perks and Benefit: Features



Features	Justification	Technology	Source Code (Main)
Staff image	Satisfied staff images influence staff to be satisfied with the benefits they receive	HTML/CSS	<pre>&lt;img src="images/benefit.jpeg" alt="benefitimage" style="height:500px" style="width:300px" class="image2" &gt;</pre>
JavaScript Collapsible	Present content in a clean manner which conveys professionalism	HTML/CSS/JavaScript	<pre>function initializeCollapsible()</pre>
Information (bullets)	Content is short and sharp which is easier to read and understand	HTML/CSS	<pre>&lt;ul&gt;  &lt;li&gt;A positive and inclusive workplace...&lt;/li&gt;  &lt;ul&gt;</pre>

## 3.3 Staff login page: Description (Teachers)



**Staff Login**

Please login using your username and password  
Username is your CorpU email address.

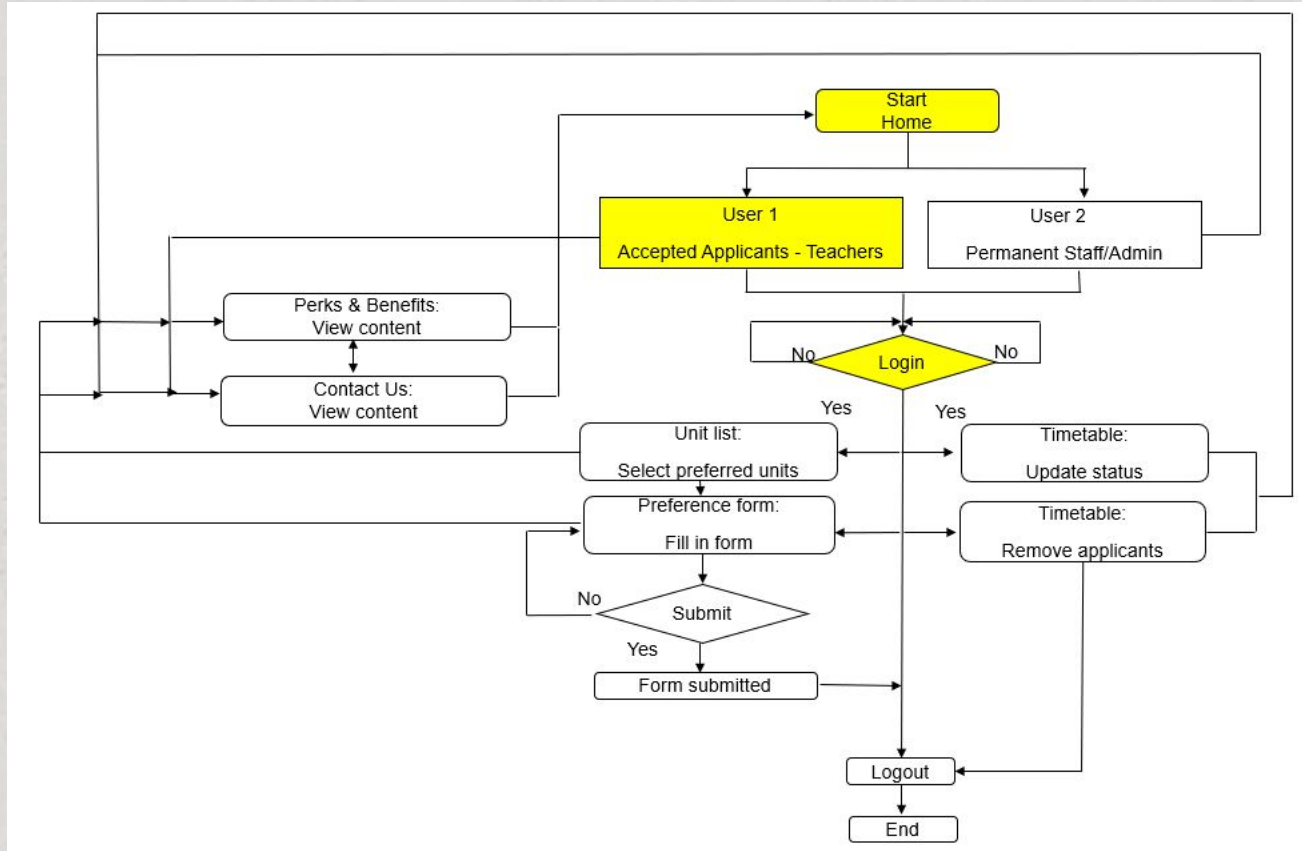
Email

Password

Login Reset

**Description:** A form to login with authenticated username and password. Each username will granted role access.

# Flowchart - Staff log in (Teachers)





# Staff login page: User Interface

## Front-end 2 Teacher Access - Staff Login Page (Form)

### Staff Login


Please log in using your username and password.  
Username is your CorpU email address.

Username

Password

# Staff login page: Features (Teachers)



 CorpU

**Staff Login**


Please login using your username and password  
Username is your CorpU email address.

Email

Password

Features	Justification	Technology	Source Code (Main)
Email & Password	Give authenticates users with an authorized access	HTML, CSS, JavaScript, PHP	<code>&lt;form&gt; &lt;/form&gt; &lt;input type=text&gt;&lt;/input&gt; &lt;input type=password&gt;&lt;/input&gt;</code>
Login & Reset	Allow user to submit and reset the form	HTML, CSS, JavaScript, PHP	<code>&lt;input type=submit&gt;&lt;/input&gt; &lt;input type=reset&lt;/input&gt;</code>

# Unit list



## CorpU University

[Home Page](#)[Perks and Benefits](#)[Contact Us](#)

**STAFF VACANCY: WE ARE HIRING TEACHERS TO ASSIST IN THE BELOW DEPARTMENT AND UNITS.**

**Department of Information Technology**

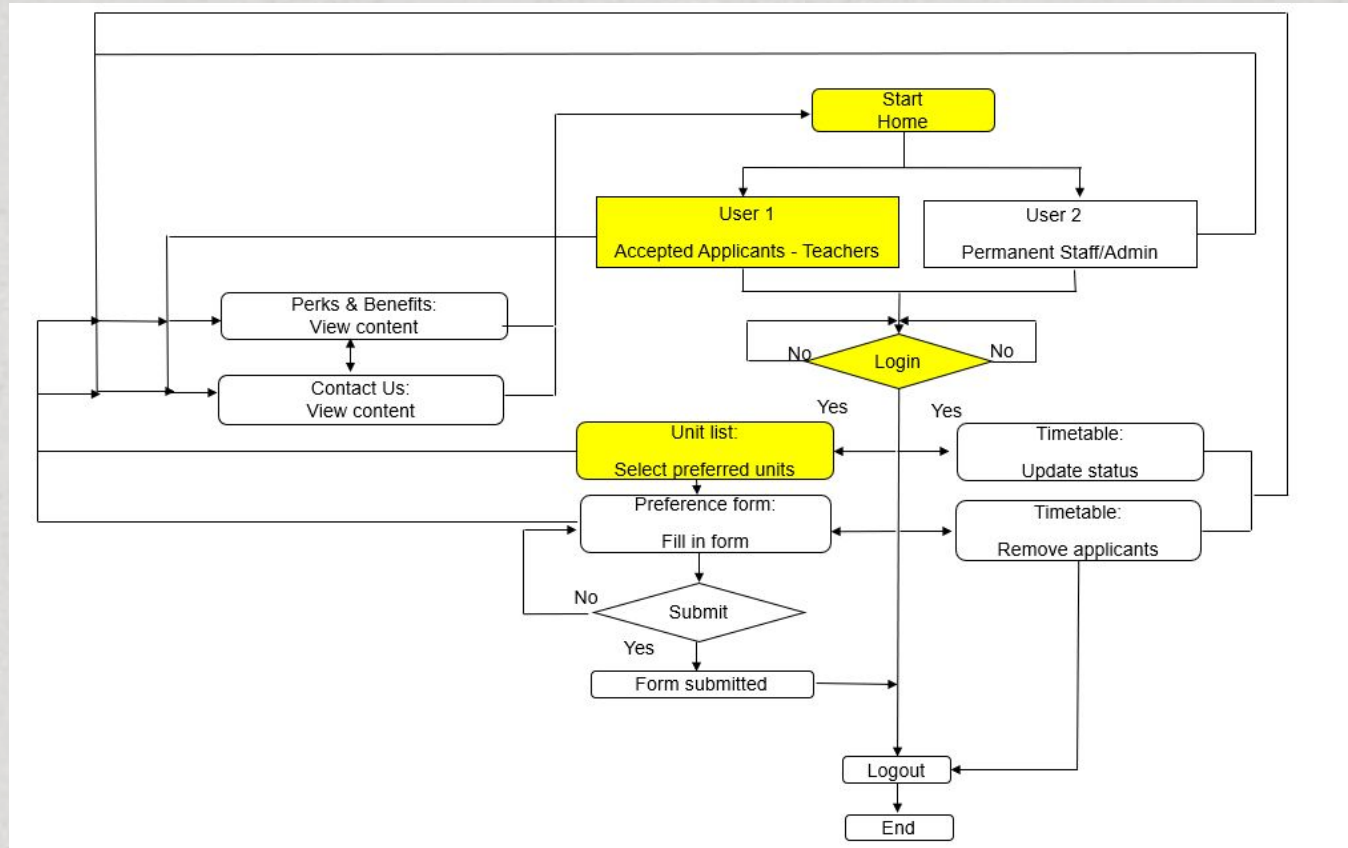
**UNIT LIST - STAFF NEEDED**

*Please select the unit based on your skills.*

Unit ID	Unit Name	Permanent Staff	Skills	View Details
A1234	Creation Web Applications	Dr. John Smith	HTML, CSS, JavaScript	<a href="#">Select</a>
B1234	Data Management	Dr. Tom Brown	SQL	<a href="#">Select</a>
C1234	Data Science	Dr. Ben Davis	Python	<a href="#">Select</a>

**Description:** The unit list provides comprehensive information about the available units, including their details and the corresponding technical skills required for each unit.

# Flowchart - Unit list





## Unit list: User interface

## Front-end 2 Teacher Access - Browse Jobs

## CorpU (Logo Heading)

[Home Page](#)

## Perks and Benefits

## Contact Us


**Staff Vacancy:** We are hiring teachers to assist in the below department and units  
**Department of Information Technology**

### Unit list - Staff needed

*Please select based on your skills*

Unit ID	Unit name	Run by	Skills	View Details
A1234	Creation Web Applications	Dr. John Smith	HTML,CSS, JavaScript	<div>Select</div>
B1234	Data Management	Dr. Ben Davis	SQL	<div>Select</div>
C1234	Data Science	Dr. Sam Brown	Python	<div>Select</div>

# Unit list: Features

**CorpU University**

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**STAFF VACANCY: WE ARE HIRING TEACHERS TO ASSIST IN THE BELOW DEPARTMENT AND UNITS.**

**Department of Information Technology**


**UNIT LIST - STAFF NEEDED**

*Please select the unit based on your skills.*

Unit ID	Unit Name	Permanent Staff	Skills	View Details
A1234	Creation Web Applications	Dr. John Smith	HTML, CSS, JavaScript	<a href="#">Select</a>
B1234	Data Management	Dr. Tom Brown	SQL	<a href="#">Select</a>
C1234	Data Science	Dr. Ben Davis	Python	<a href="#">Select</a>

Features	Justification	Technology	Source Code (Main)
Table	Provides organized presentation of unit information	HTML, CSS	<table></table>, <tr></tr> <th></th>, <td></td>
Select Button	Allows user to take a specific action related to particular unit	HTML, CSS, JavaScript	<input type="button"> onclick="functionName("")"

# Preference form



## CorpU University

[Home Page](#)[Perks and Benefits](#)[Contact Us](#)

### General Information

First Name:

Last Name:

Mobile Number:

ID Number:

### Unit Information

☒ A1234: Creating Web Applications

**Unit Overview:** This unit introduces the creation of websites from both the client and server side. At the end of the course, students will be able to develop their own website using programming languages such as HTML, CSS and JavaScript.

**Casual Staff role:** The role of a casual staff is to assist with classes, labs and workshops where needed.

**Salary range:** 70K-80K


### Teaching Period

Please select the schedule according to your availability

☒ Monday: 9:00AM-11:00AM

☒ Wednesday: 14:00PM-16:00PM

[Submit](#) [Reset Form](#)



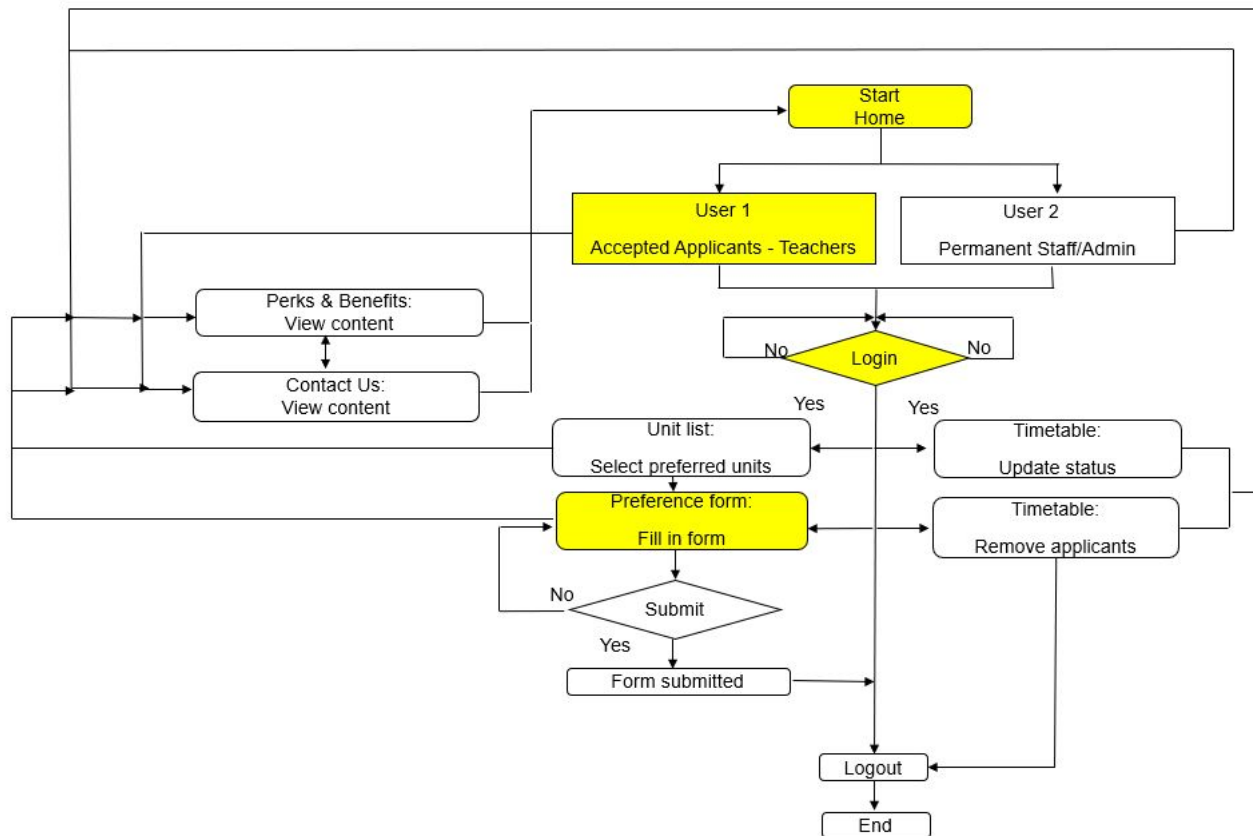
## CorpU University

[Home Page](#)[Perks and Benefits](#)[Contact Us](#)

Congratulations! Your application has been submitted.  
You will receive an email once your schedule is confirmed.

**Description:** The preference form page shows details about the selected units, accompanied by a form where users can input their personal information and select their preferred teaching period.

# Flowchart - Preference form





# Preference form: User Interface

## Front-end 2 Teacher Access - Preference form

### CorpU (Logo Heading)

Home Page

Unit List

Contact Us

**General Information**

First Name  Last Name

Mobile number

ID number

**Unit Information**

☐ **C1234: Data Science**

Description XXX

Salary Range:

**Teaching period**

Please select the schedule according to your availability

☐ Tuesday: 14:00AM-16:00AM ☐ Friday: 14:00PM-16:00PM

Submit

Reset


Congratulations! Your schedule has been confirmed!

Please click 'Go Back' to return to the Home Page

Close window

Go Back

# Preference form: Features

**CorpU University**

[Home Page](#) [Perks and Benefits](#) [Contact Us](#)

**General Information**

First Name:

Last Name:

Mobile Number:

ID Number:

**Unit Information**

☒ A1234: Creating Web Applications

**Unit Overview:** This unit introduces the creation of websites from both the client and server side. At the end of the course, students will be able to develop their own website using programming languages such as HTML, CSS and JavaScript.

**Casual Staff role:** The role of a casual staff is to assist with classes, labs and workshops where needed.

**Salary range:** 70K-80K


**Teaching Period**

Please select the schedule according to your availability

☒ Monday: 9:00AM-11:00AM

☒ Wednesday: 14:00PM-16:00PM

[Submit](#) [Reset Form](#)

**CorpU University**

[Home Page](#) [Perks and Benefits](#) [Contact Us](#)

Congratulations! Your application has been submitted.  
You will receive an email once your schedule is confirmed.

Features	Justification	Technology	Source Code (Main)
Form	Organizing and structuring the form	Fieldset (HTML,CSS)	<fieldset></fieldset>
	Identify the purpose or topic of the grouped fields	Legend (HTML,CSS)	<legend></legend>
	Allows users to select one or more options	Checkbox (HTML,CSS)	<input type="checkbox"></input>
	Performing an action based on the user's input.	Submit & Reset (HTML,CSS)	<button type="submit"> </button> <button type="reset"> </button>

# Preference form: Backend- Input inserted into database

Run SQL query/queries on database **corpu**: ?

```
1 CREATE TABLE timetable (  
2 app_id INT AUTO_INCREMENT PRIMARY KEY,  
3 staff_id INT(15) NOT NULL,  
4 firstname VARCHAR(50),  
5 lastname VARCHAR(50),  
6 contact_no INT(20),  
7 unit_id VARCHAR(10),  
8 schedule VARCHAR(30),  
9 status INT DEFAULT 1  
10 );
```




✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0005 seconds.)

SELECT \* FROM `timetable`

☐ Profiling [ [Edit inline](#) ] [ [Edit](#) ] [ [Explain SQL](#) ] [ [Create PHP code](#) ] [ [Refresh](#) ]

app_id	staff_id	firstname	lastname	contact_no	unit_id	schedule	status
--------	----------	-----------	----------	------------	---------	----------	--------

# Preference form: Backend- Input inserted into database



## CorpU University

[Home Page](#)[Perks and Benefits](#)[Contact Us](#)

### General Information

First Name:

Last Name:

Mobile Number:

ID Number:

### Unit Information

☒ A1234: Creating Web Applications

**Unit Overview:** This unit introduces the creation of websites from both the client and server side. At the end of the course, students will be able to develop their own website using programming languages such as HTML, CSS and JavaScript.

**Casual Staff role:** The role of a casual staff is to assist with classes, labs and workshops where needed.

**Salary range:** 70K-80K

### Teaching Period


Please select the schedule according to your availability

☒ Monday: 9:00AM-11:00AM

☒ Wednesday: 14:00PM-16:00PM

[Submit](#) [Reset Form](#)





## CorpU University

[Home Page](#)[Perks and Benefits](#)[Contact Us](#)

Congratulations! Your application has been submitted.  
You will receive an email once your schedule is confirmed.

## Preference form: Backend- Input inserted into database


app_id	staff_id	firstname	lastname	contact_no	unit_id	schedule	status
1	123456789	TestFirst	TestFirst	411111111	A1234	M:9-11AM	1
7	100000009	TestSecond	TestSecond	411111111	B1234	Tu:9-11AM	2
8	120000888	TestThird	TestThird	411111111	C1234	Tu:2-4PM,F:2-4PM	3
12	123123123	TestFirstname	TestLastname	411111111	A1234	M:9-11AM,W:2-4PM	1



Data successfully store in the database



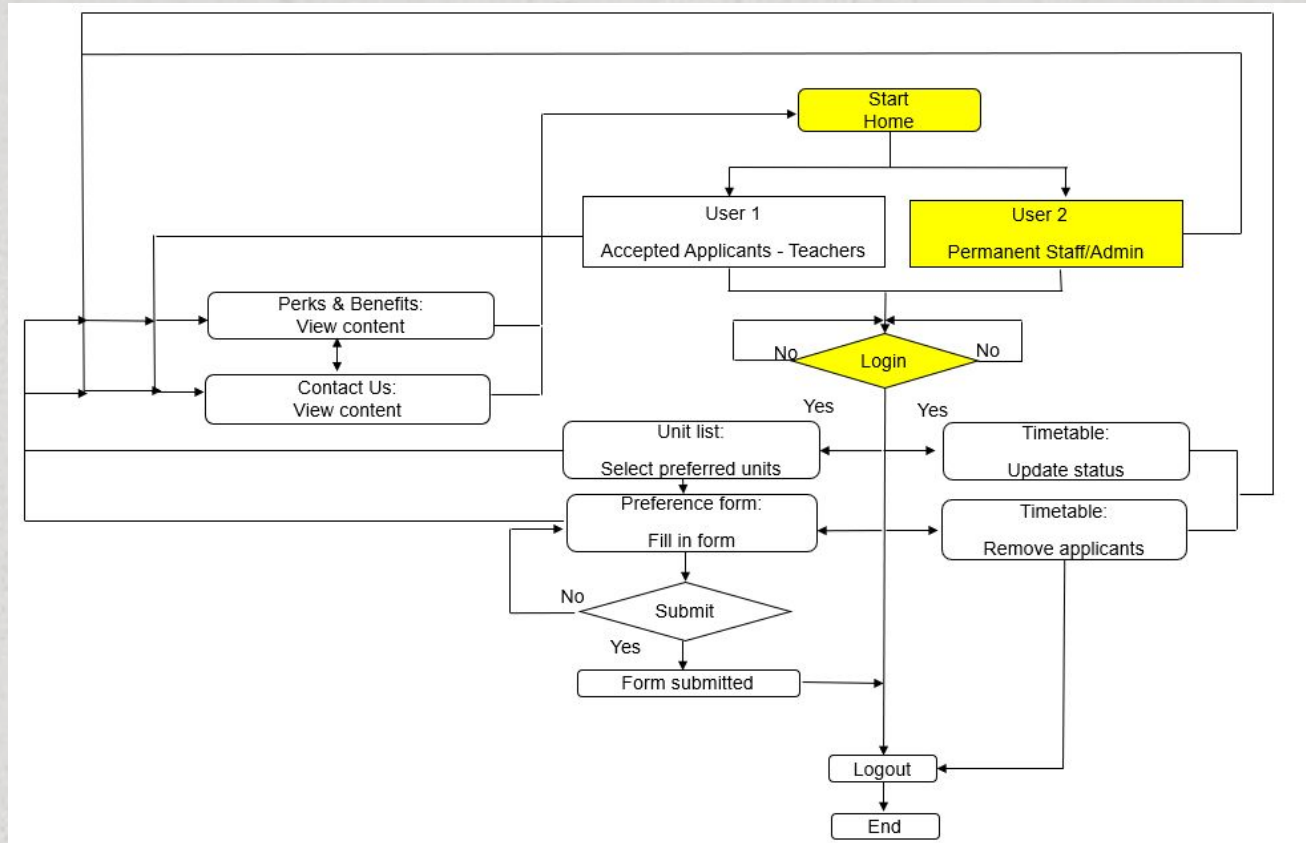
## 3.4 Staff login page: Description (Permanent Staff)




The image shows a staff login page with a dark blue background. At the top left is the Swinburne University of Technology crest, and to its right is the text "CorpU" in white. Below this, centered, is a white-bordered box containing the login form. The form has a title "Staff Login" in orange, followed by instructions in white: "Please login using your username and password" and "Username is your CorpU email address." There are two white input fields: the first is labeled "Email" and the second is labeled "Password". At the bottom of the form are two white buttons: "Login" and "Reset".

**Description:** A form to login with authenticated username and password to access the staff portal page

# Flowchart - Staff login (Permanent Staff)



# Staff portal page



## CorpU University

[Home Page](#)[Perks and Benefits](#)[Contact Us](#)

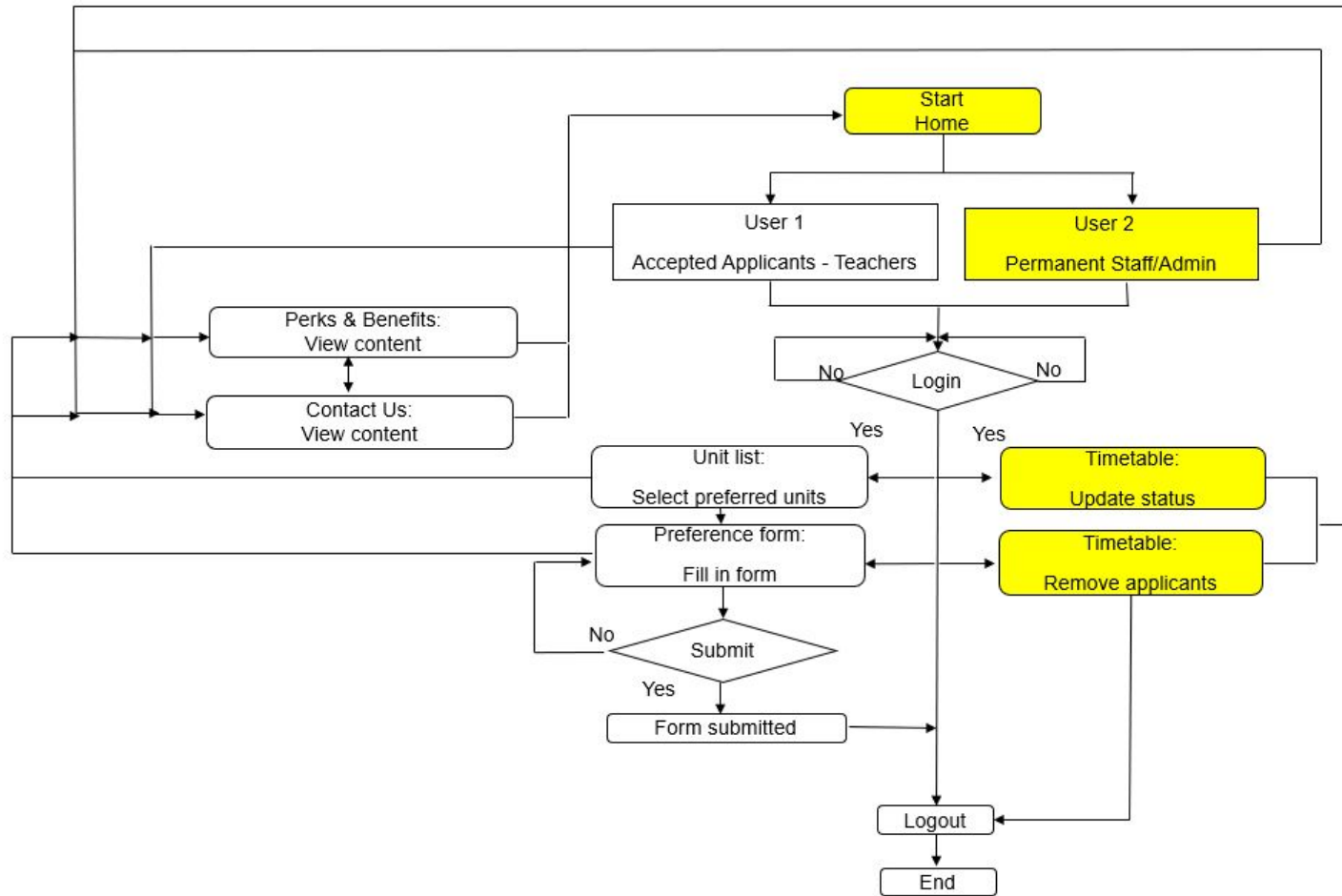
### List of Staff Interested in Units

*Below is a table displaying the list of staff who are interested in the units:*

Staff ID	First Name	Last Name	Contact Number	Unit ID	Schedule	Status	Action	Delete
123456789	TestFirst	TestFirst	411111111	A1234	M.9-11AM	Pending	<a href="#">Update Status</a>	<a href="#">Delete</a>
100000009	TestSecond	TestSecond	411111111	B1234	Tu.9-11AM	Accept	<a href="#">Update Status</a>	<a href="#">Delete</a>
120000888	TestThird	TestThird	411111111	C1234	Tu.2-4PM,F.2-4PM	Reject	<a href="#">Update Status</a>	<a href="#">Delete</a>

**Description:** The staff portal page to view and efficiently manage teacher-related information. Authorized users can update teacher's status and delete specific teacher information if necessary.

# Flowchart - Staff portal page



# Staff portal page: User Interface

## Front-end 2 Permanent Staff - Staff Portal

**CorpU (Logo Heading)**

Homepage

Unit List

Contact Us


### List of Staff Interested in Units

*Below is a table displaying the list of staff who are interested in the units:*

Staff ID	First Name	Last Name	Contact Number	Unit ID	Schedule	Status	Action	Delete
XXX	XXX	XXX	XXX	XXX	XXX	Pending	dropdown update action	Delete
XXX	XXX	XXX	XXX	XXX	XXX	Accept	dropdown update action	Delete
XXX	XXX	XXX	XXX	XXX	XXX	Reject	dropdown update action	Delete



# Staff portal page: Features



## CorpU University

[Home Page](#)
[Perks and Benefits](#)
[Contact Us](#)

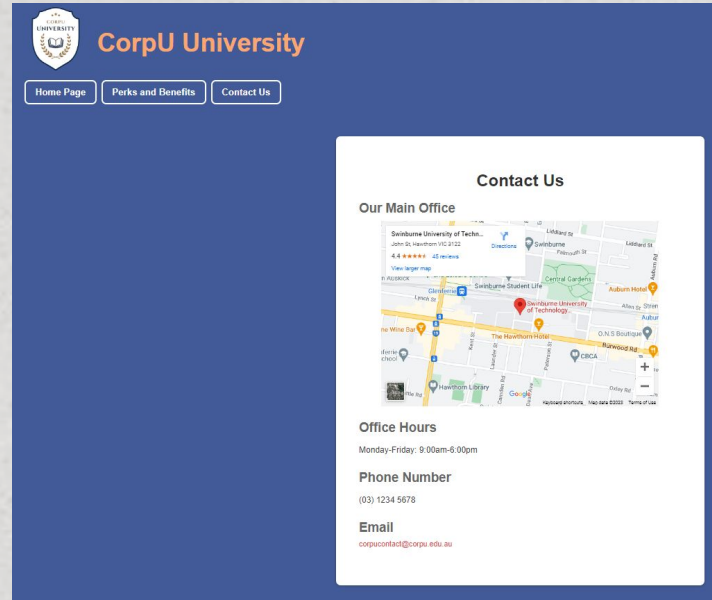
### List of Staff Interested in Units

Below is a table displaying the list of staff who are interested in the units:

Staff ID	First Name	Last Name	Contact Number	Unit ID	Schedule	Status	Action	Delete
123456789	TestFirst	TestFirst	411111111	A1234	Mo 9-11AM	Pending	<a href="#">Update Status</a>	<a href="#">Delete</a>
100000009	TestSecond	TestSecond	411111111	B1234	Tu 9-11AM	Accept	<a href="#">Update Status</a>	<a href="#">Delete</a>
120000888	TestThird	TestThird	411111111	C1234	Tu 2-4PM,F-2-4PM	Reject	<a href="#">Update Status</a>	<a href="#">Delete</a>

Features	Justification	Technology	Source Code (Main)
Table	Provide structured format to store and organize data	HTML Table Elements	<table></table>, <tr></tr> <th></th>, <td></td>
Update status	Efficiently manage the application process	HTML, PHP, SQL, Javascript	<select></select>, <option></option> PHP,SQL,JS - Further details in code
Delete Record	Maintains data hygiene and facilitates effective data management	HTML, PHP, SQL, Javascript	<button></button> PHP,SQL,JS - Further details in code

## 3.5 Contact Us

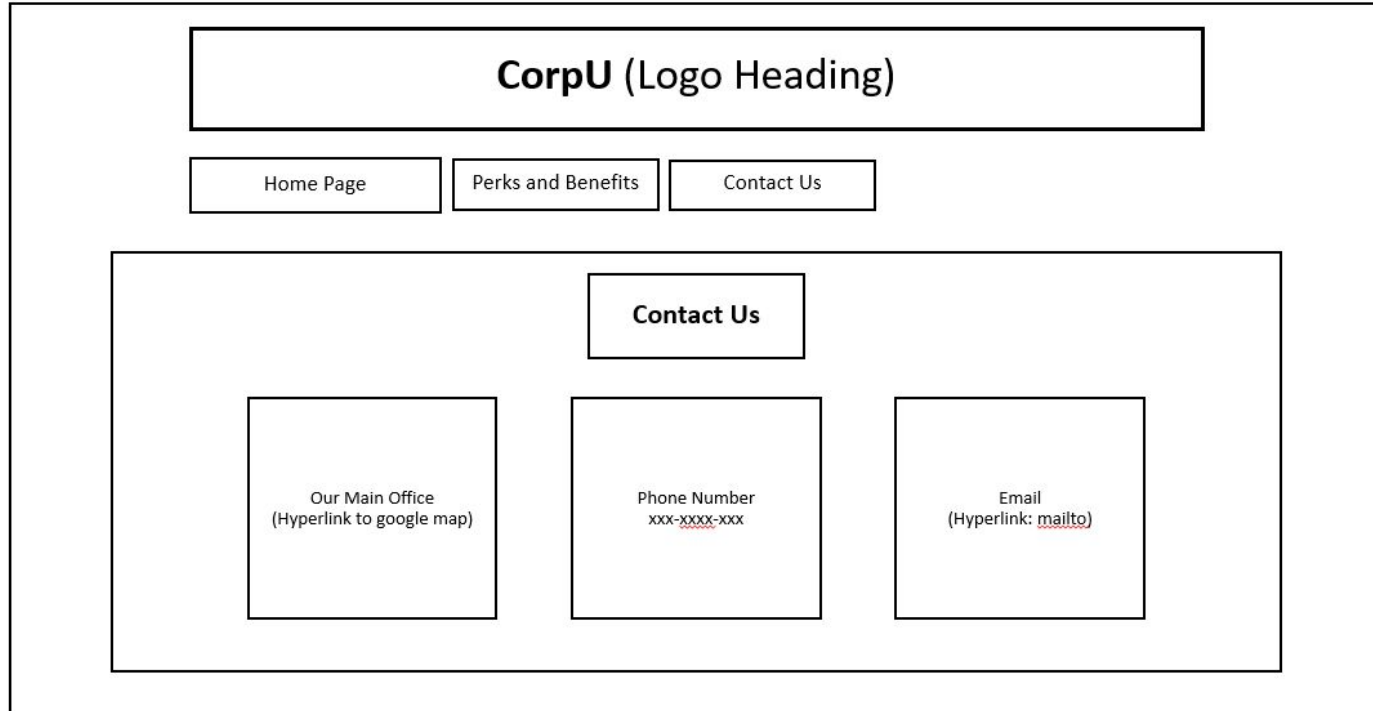


### Description:

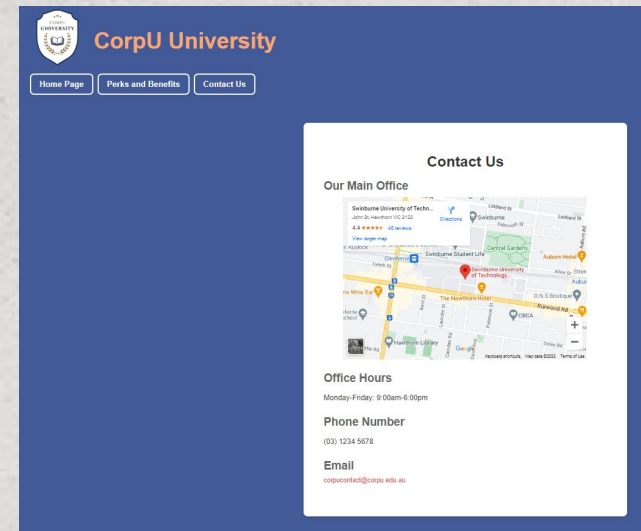
Where accepted applicants (teachers) can view the university's contact information

# Contact Us: User Interface

## Front-end 1- Contact Us



# Contact Us: Features



Features	Justification	Technology	Source Code (Main)
Google Map	Easy navigation	HTML	<code>&lt;iframe src= link &gt;&lt;/iframe&gt;</code>
Office Hours	Indicate appropriate contact hours	HTML	<code>&lt;h2&gt;Office Hours&lt;/h2&gt;</code> <code>&lt;p&gt;Monday-Friday: 9:00am-6:00pm&lt;/p&gt;</code>
Phone Number & Email	The correct contact information to reach out about applications	HTML	<code>&lt;h2&gt;Phone Number&lt;/h2&gt;</code> <code>&lt;p&gt;(03) 1234 5678&lt;/p&gt;</code> <code>&lt;a</code> <code>href="mailto:corpucontact@corpu.edu.au"&gt;corp</code> <code>ucontact@corpu.edu.au&lt;/a&gt;</code>

## 4. Conclusion

### **Requirements addressed:**

CorpU's job application website addressed the project requirements as it allows target users to perform the following tasks in the job application process

#### **User 1 (Accepted Applicants - Teachers)**

- See a list of units looking for staff
- Input their details
- Request which classes to teach
- Provide their availability

#### **User 2 (Permanent Staff)**

- View a list of people interested in their unit, including their details and availability
- Update the status of specific teachers and remove records of them



