



# Café Application

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# Website Description

- ❖ This website is being designed for the Books & Beans café which is located on the ground floor of the Brisbane campus.
  
- ❖ It will be a system for barista staff to log on and log off for their café shifts.
- ❖ It will provide reports for the café manager, which will assist in verifying payroll data.



# Functionality and Features (requested by the client)

- ❖ Navigation should be simple and direct.
- ❖ Staff should be able to quickly begin and end their shifts all from the same page. A 4-digit pin number will authenticate start and end times.
- ❖ The app will display a clock.
- ❖ The manager can add staff and edit details.
- ❖ The manager can generate a report for a given date range which, for each day in the range:
  - ❖ Lists staff who worked and their clock in/out times on the manager's screen.

# Functionality and Features (sprinkles)

- ❖ Manager reports can be exported to Excel.
- ❖ Staff can have split shifts on a given day.

# Target Audience

The application has two target audiences. First and foremost the client (the cafe manager) who will use the application to monitor staff shifts and assist in payroll checking. Secondly, the cafe employees who will use it to clock in and out at work.

## **The manager needs:**

- Accurate times recorded for each employee who works on any day.
- To be able to add and edit staff details.
- Access to the data stored in the database in a clear and readable format.

## **The staff need:**

- Quick and simple access to the app on shift to minimise time waste.
- To see the current time that will be logged.
- Speedy authentication when they clock in/out.
- Clear indication that they have successfully clocked on/off.

# Tech Stack

## Frontend

- ◊ HTML
- ◊ JavaScript
- ◊ React
- ◊ Material UI & Styled Components

## Backend

- ◊ Ruby on Rails

## Database

- ◊ PostgreSQL

## Deployment

- ◊ Netlify
- ◊ Heroku

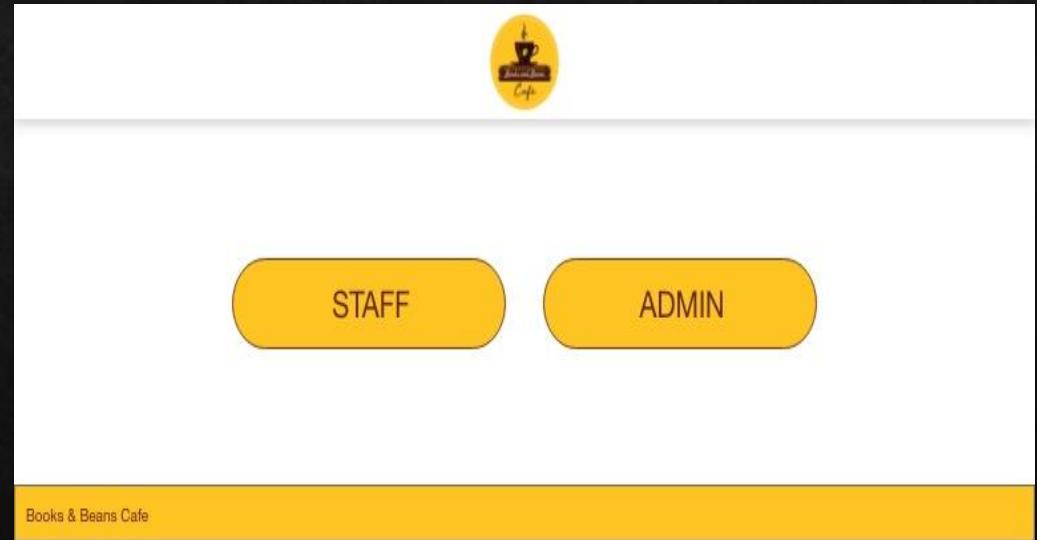
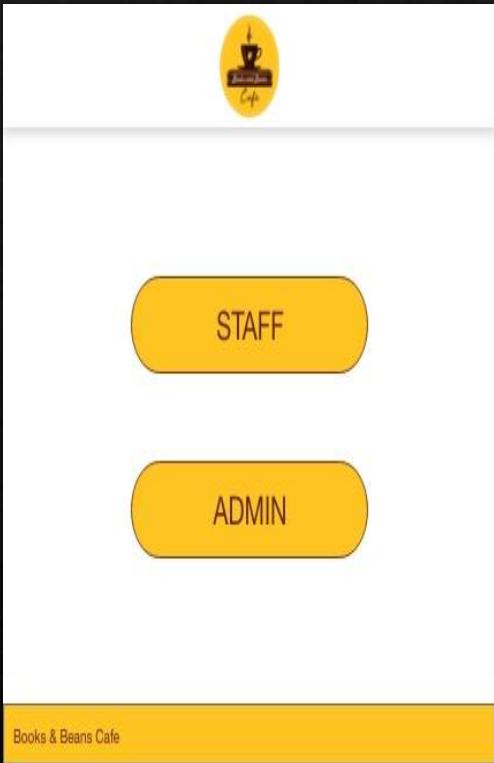
## Source Control

- ◊ Git
- ◊ GitHub

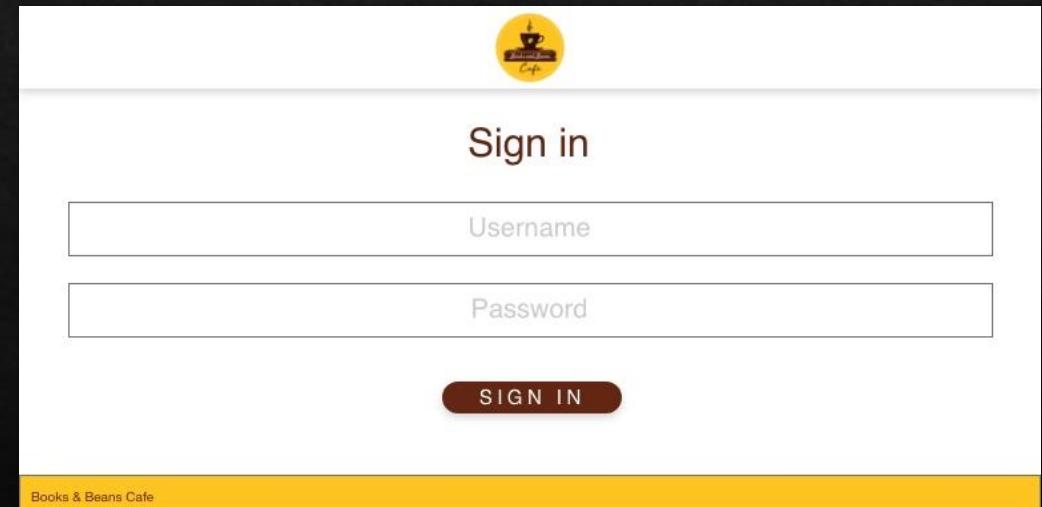
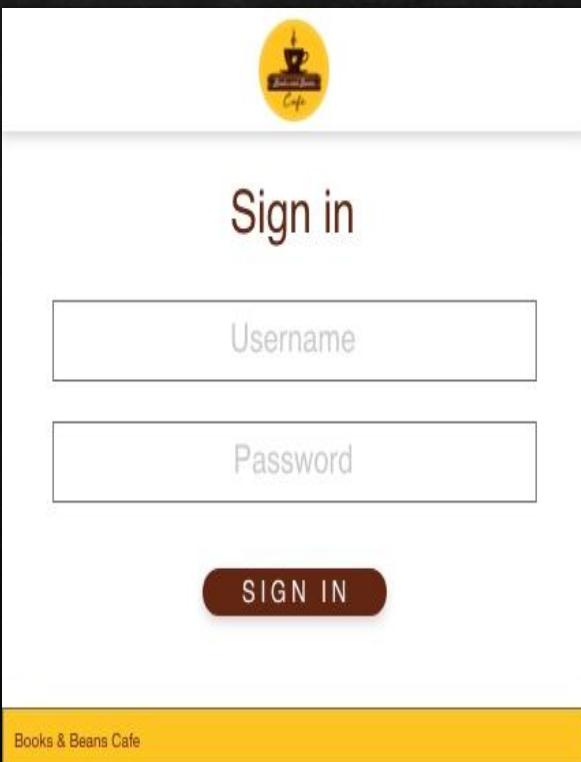
## Production Management

- ◊ Trello

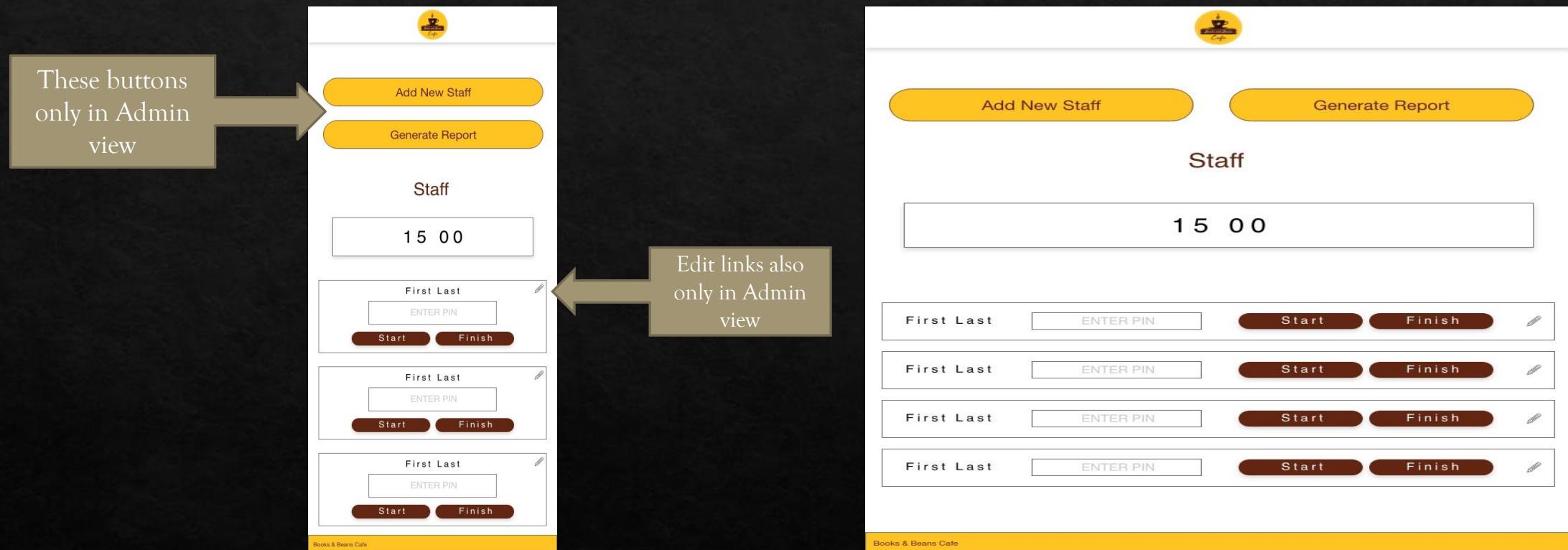
# Screen 1 (App starts)



# Sign in Screen



# Main Screen



# Add New Staff



Add New Staff

First Name

Last Name

PIN

Add

Books & Beans Cafe



Add New Staff

First Name

Last Name

PIN

Add

Books & Beans Cafe

# Edit Staff Details



Editing [staffname]

First Name

Last Name

PIN

Confirm

Books & Beans Cafe



Editing [staffname]

First Name

Last Name

PIN

Confirm

Books & Beans Cafe

Admin can select  
all active staff or  
choose staff from  
the list



Report

Start date

Day Month Year

End Date

Day Month Year

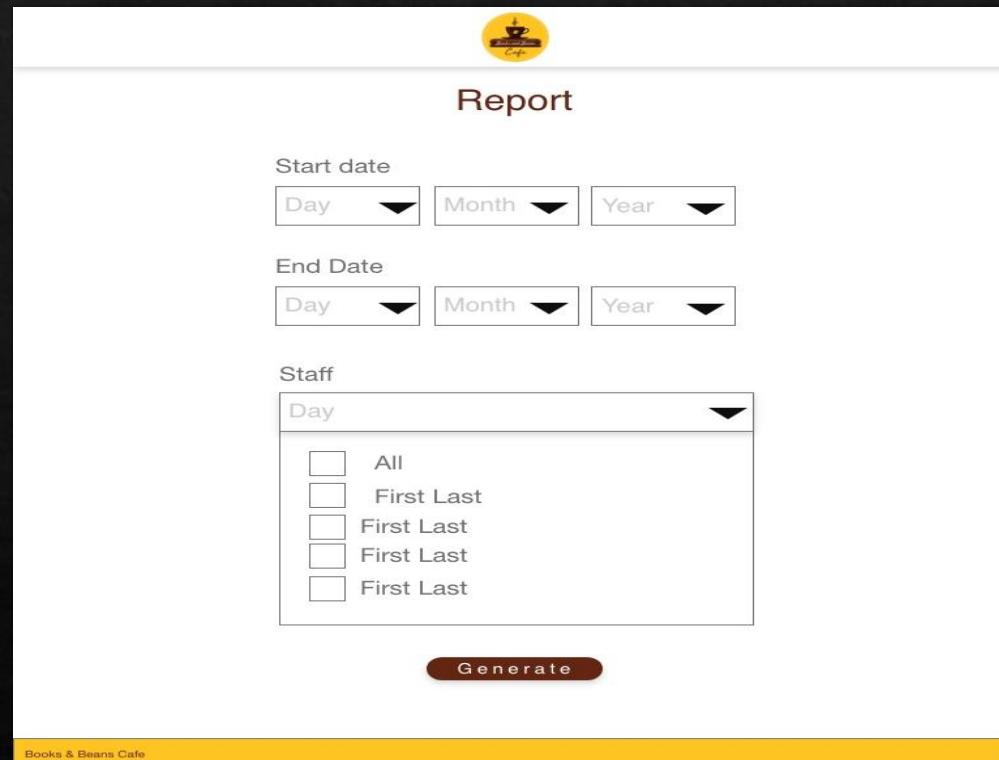
Staff

Day

- All
- First Last
- First Last
- First Last
- First Last

Generate

Books & Beans Cafe



Report

Start date

Day Month Year

End Date

Day Month Year

Staff

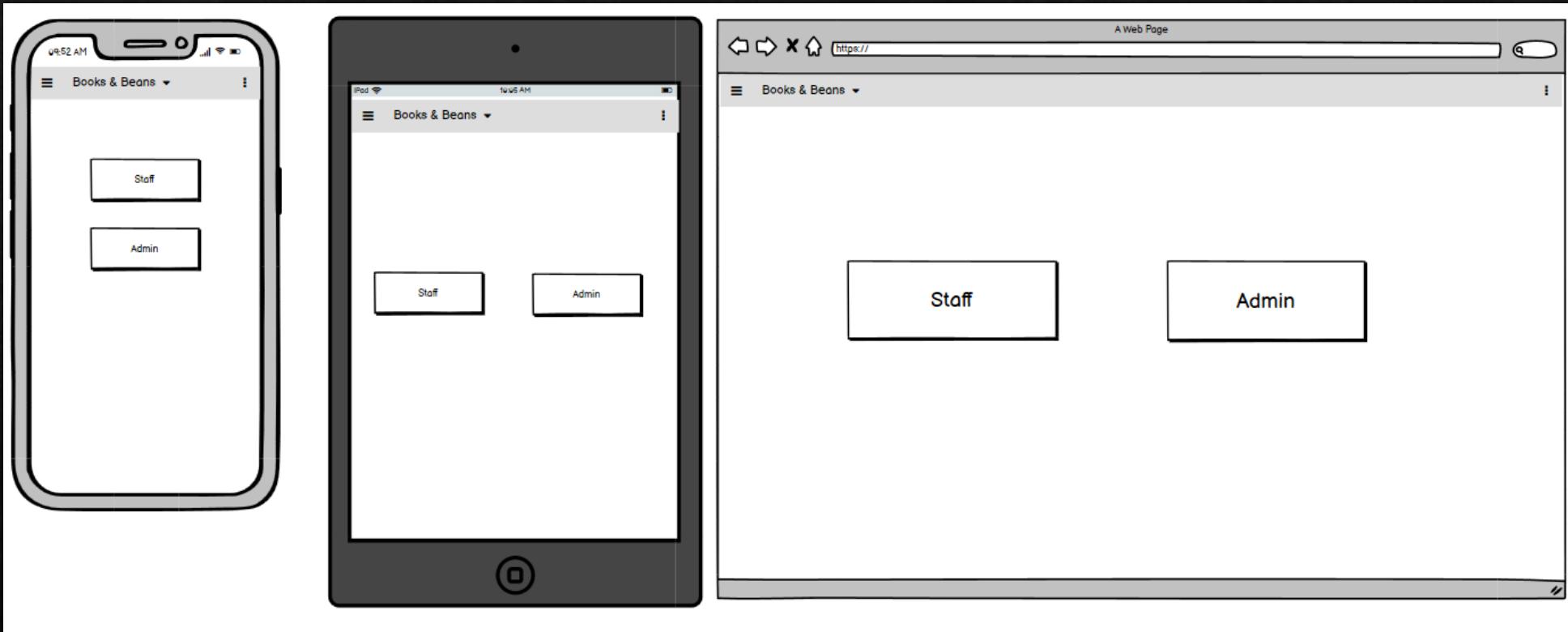
Day

- All
- First Last
- First Last
- First Last
- First Last

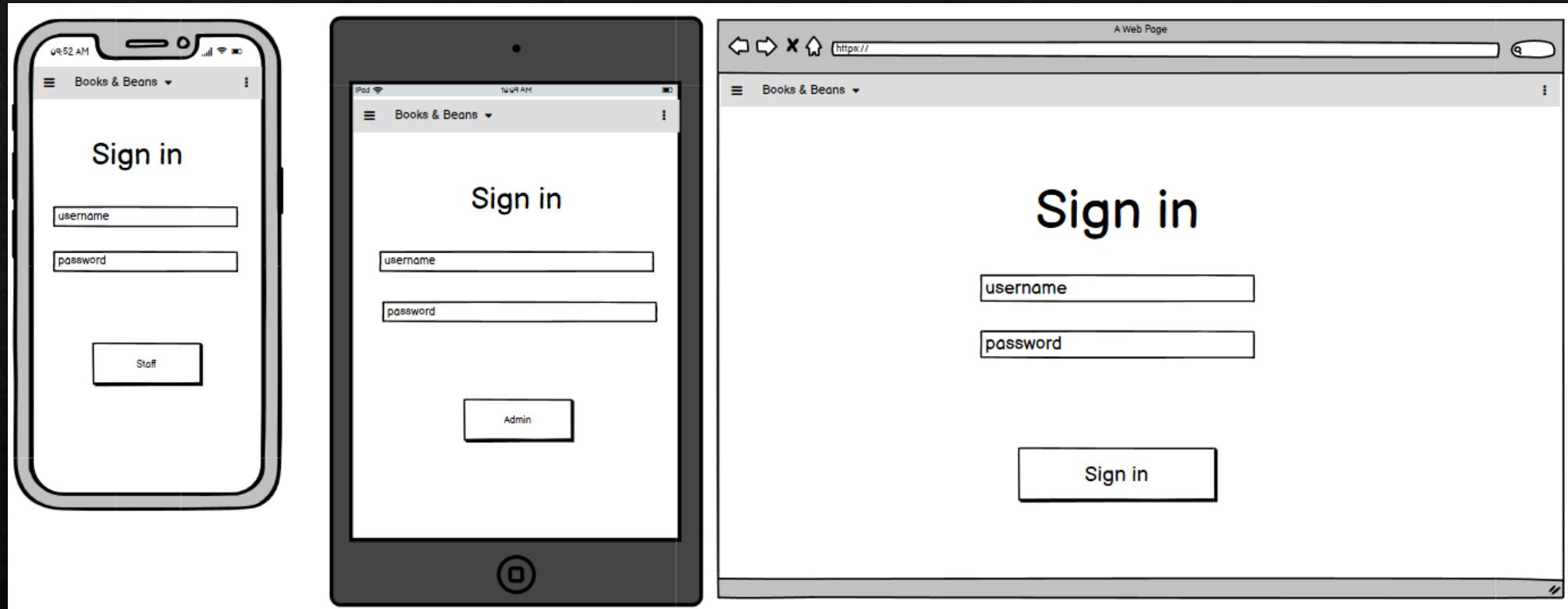
Generate

Books & Beans Cafe

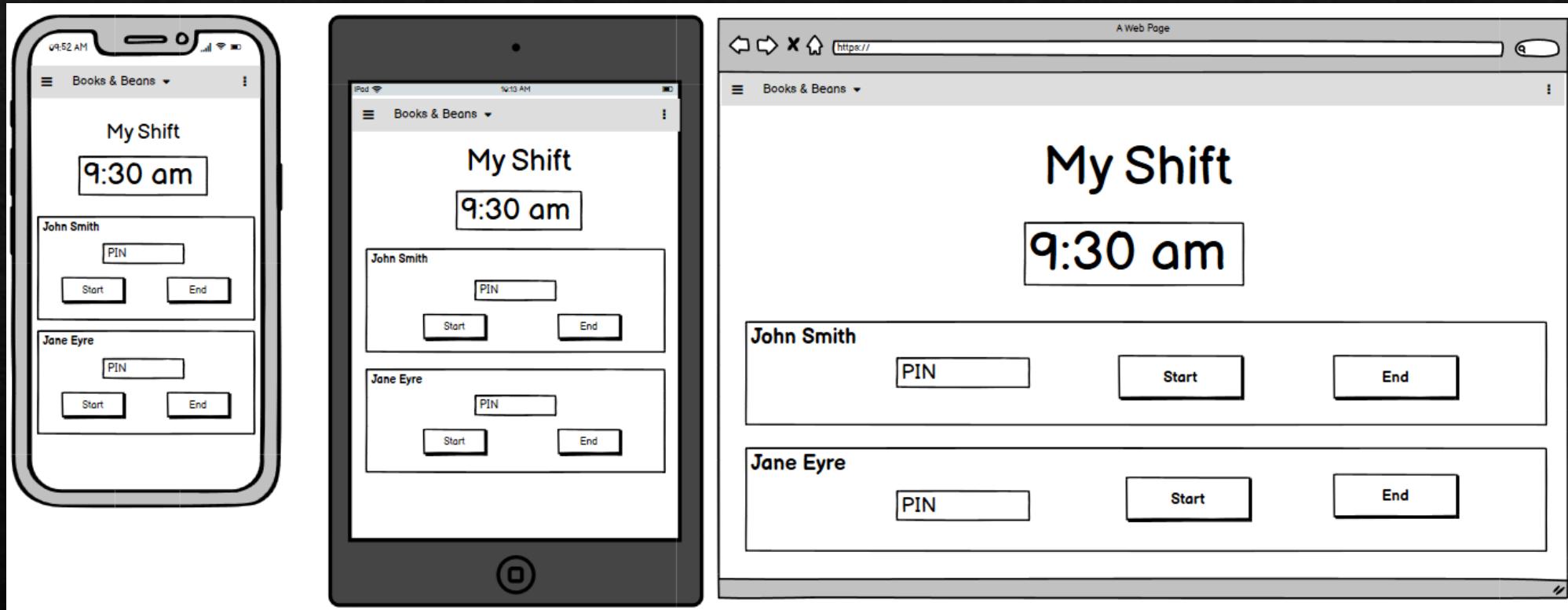
# Loading Page



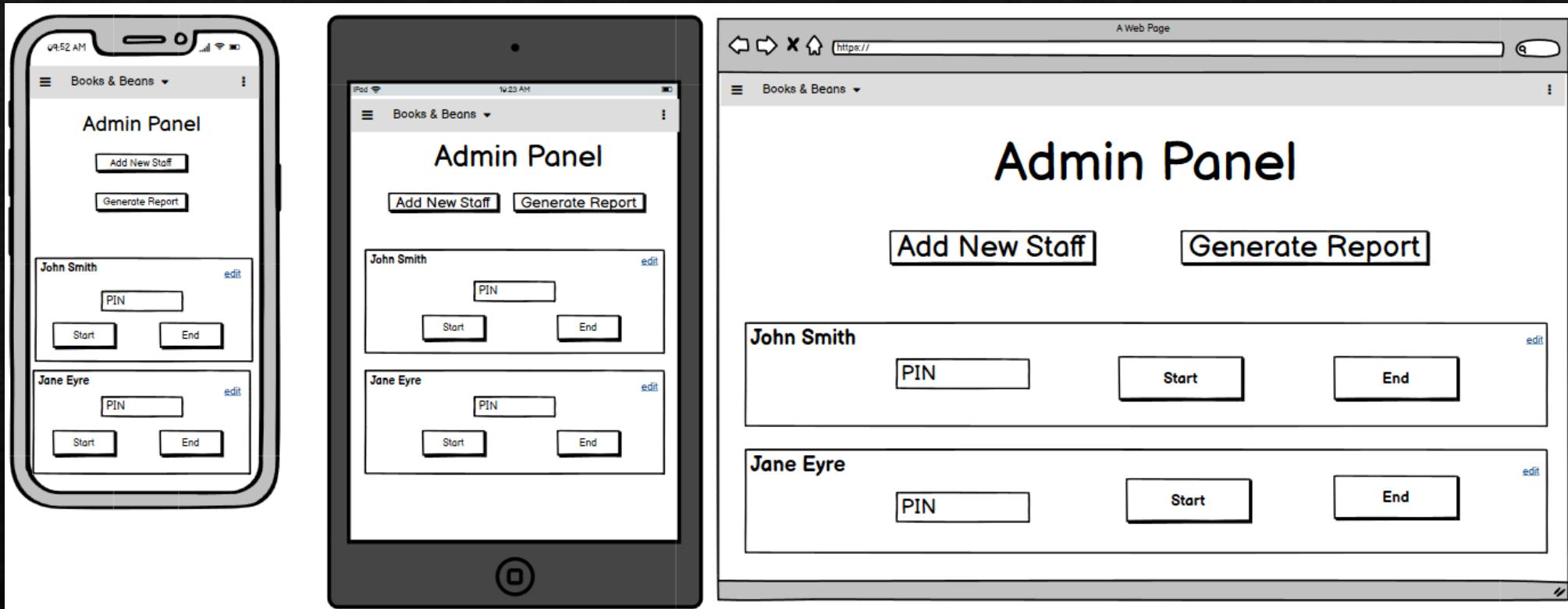
# Sign in (as user or admin)



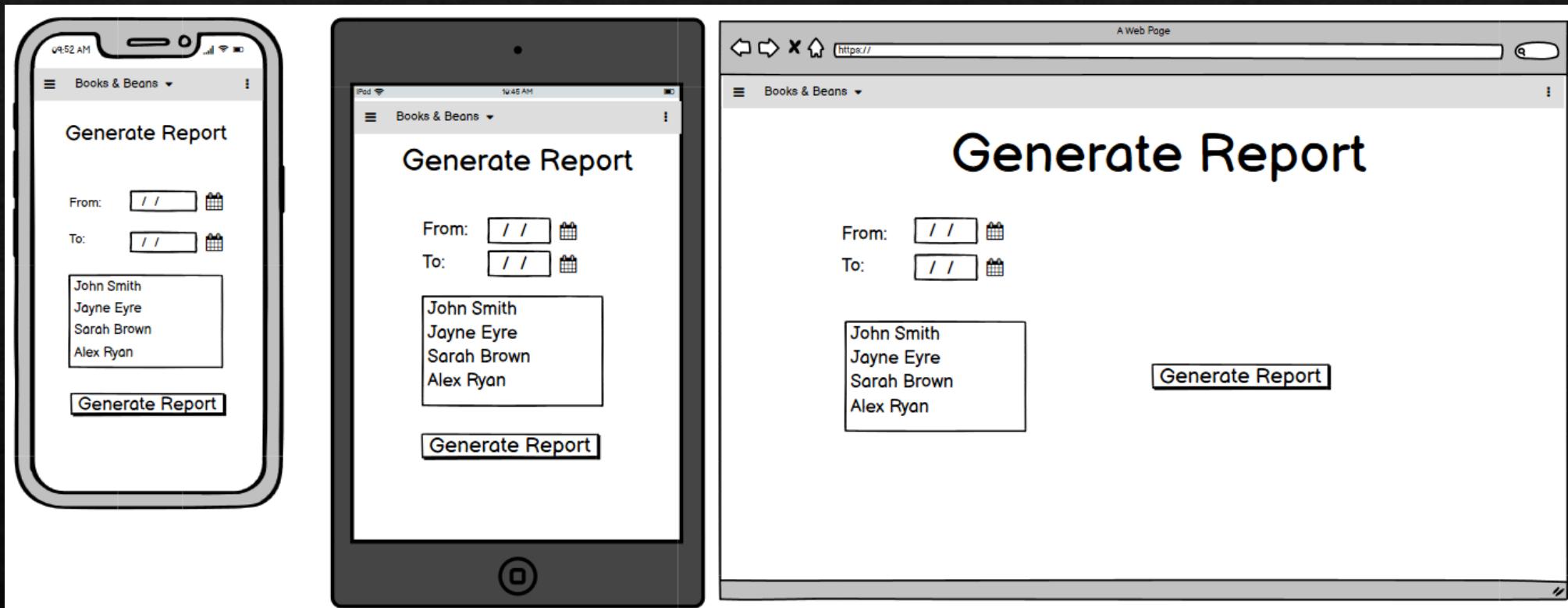
# Shift Panel



# Admin Panel



# Generate Report



# Display report

The image displays three mobile device screens (iPhone, iPod, and Web browser) showing a "Report (date range)" interface. The interface includes fields for "From" and "To" dates, a "Generate Report" button, and a data grid table.

**iPhone Screen:**

- Header: Books & Beans
- Section: Report (date range)
- Form:
  - Change date range.
  - From:  /
  - To:  /
  - Generate Report
- Data Grid:

Name (job title)	Age	Nickn	Employee
Giacomo Giul	40	Peldi	<input checked="" type="radio"/>
Founder & C			
Marco Botton	38		<input checked="" type="checkbox"/>
Tuttofare			
Mariah Macla	41	Potata	<input type="checkbox"/>
Better Half			
Valerie Liberty			
- Buttons: Export

**iPod Screen:**

- Header: Books & Beans
- Section: Report (date range)
- Form:
  - Change date range.
  - From:  /
  - To:  /
  - Generate Report
- Data Grid:

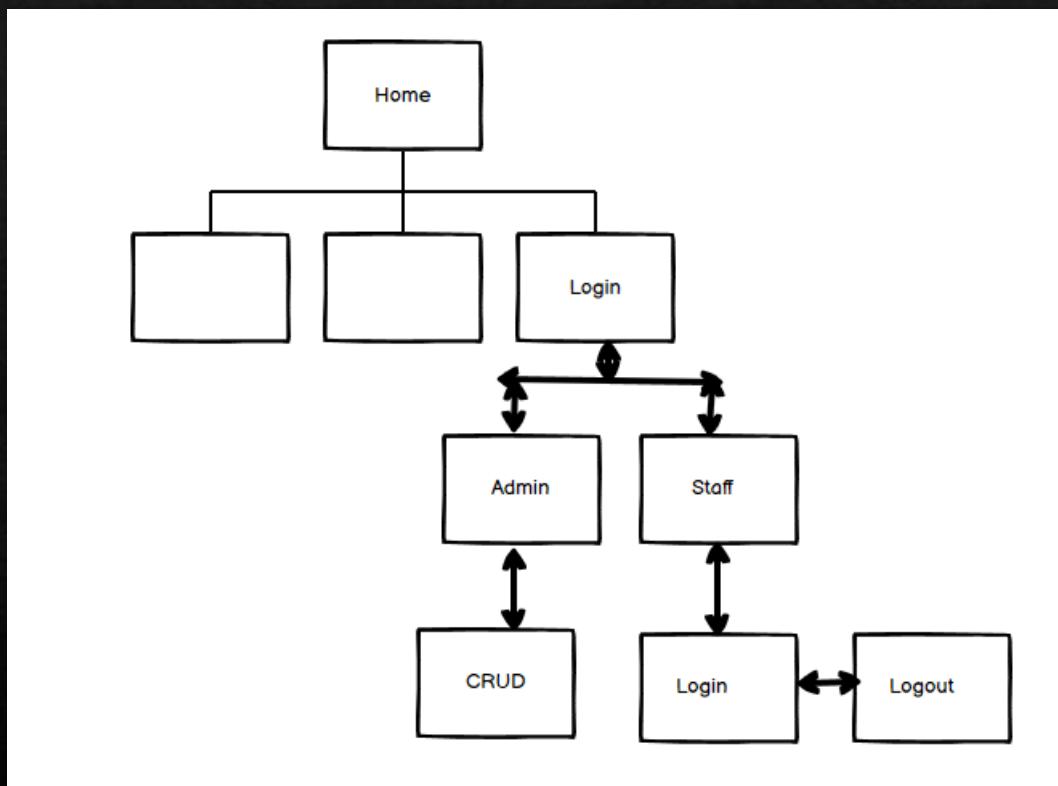
Name (job title)	Age	Nickname	Employee
Giacomo Giulizzoni	40	Peldi	<input checked="" type="radio"/>
Founder & CEO			
Marco Botton	38		<input checked="" type="checkbox"/>
Tuttofare			
Mariah MacLachlan	41	Potata	<input type="checkbox"/>
Better Half			
Valerie Liberty			
Head Chef			
- Buttons: Export

**Web Browser Screen:**

- Header: A Web Page
- Section: Report (date range)
- Form:
  - Change date range.
  - From:  /
  - To:  /
  - Generate Report
- Data Grid:

Name (job title)	Age	Nickname	Employee
Giacomo Giulizzoni	40	Peldi	<input checked="" type="radio"/>
Founder & CEO			
Marco Botton	38		<input checked="" type="checkbox"/>
Tuttofare			
Mariah MacLachlan	41	Potata	<input type="checkbox"/>
Better Half			
Valerie Liberty			
Head Chef			
- Buttons: Export

# Sitemap



# User Stories

## User

- As a user I can log into the system.
- As a user I can log out of the system.
- As a user I can view the main page and list of active staff for the current day.

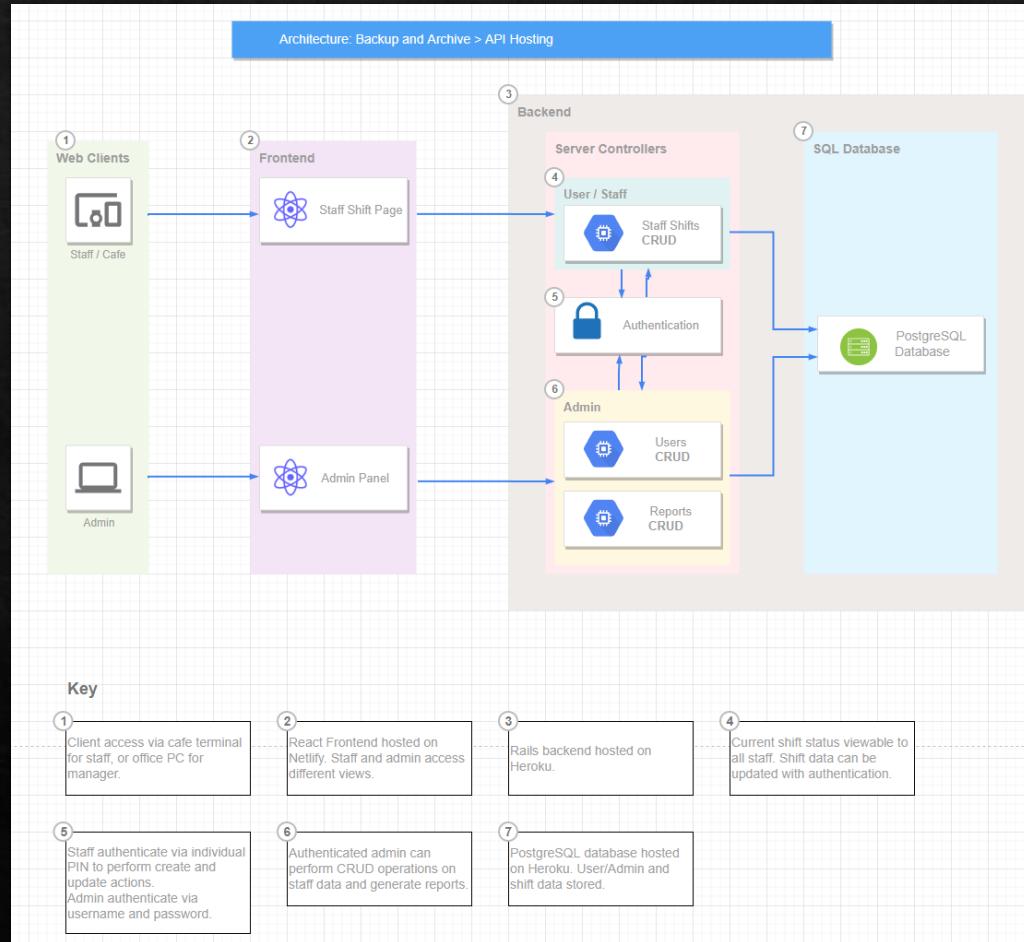
## Active Staff Member

- As an active staff member I can do all the same things as a user.
- As an active staff member I can enter my pin number.
- As an active staff member I can click the start and end buttons to begin or end my shift.

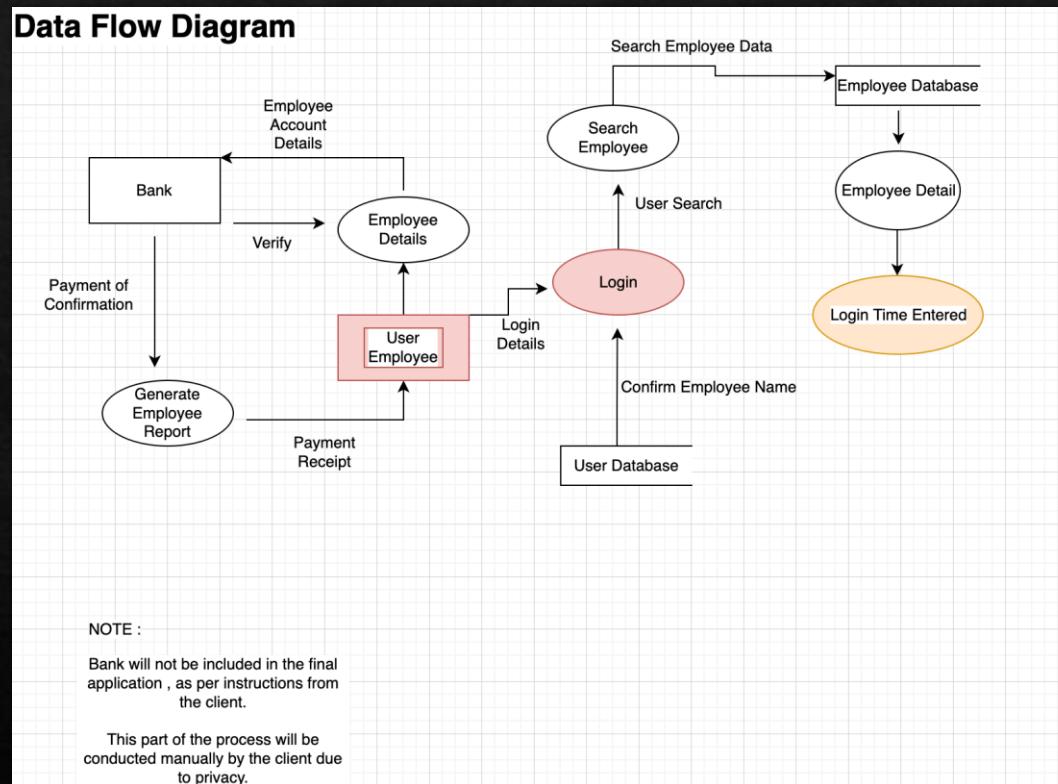
## Admin

- As an admin I can do all the same things as an active staff member.
- As an admin I can see the options to add a staff member, edit staff details, and generate reports.
- As an admin I can add a new staff member.
- As an admin I can edit a staff member's details.
- As an admin I can deactivate staff members who leave and reactivate returning staff.
- As an admin I can edit my own details.
- As an admin I can generate a report on staff work times.

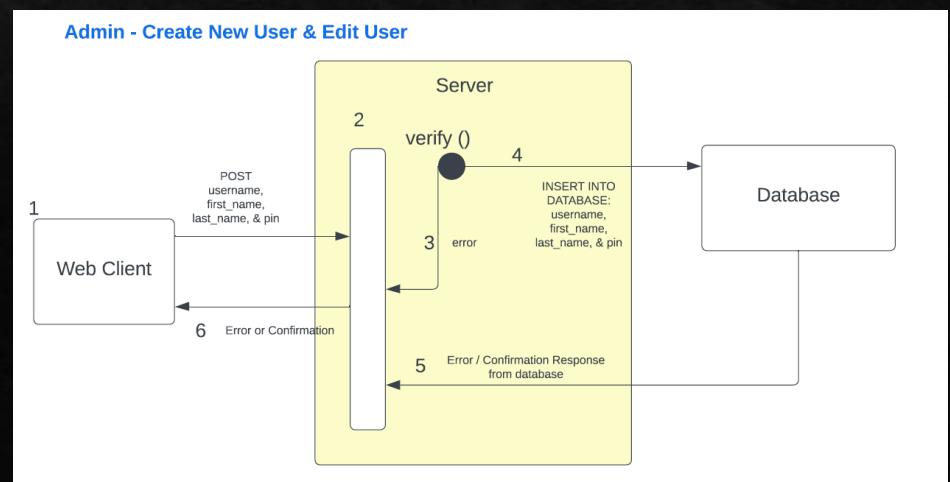
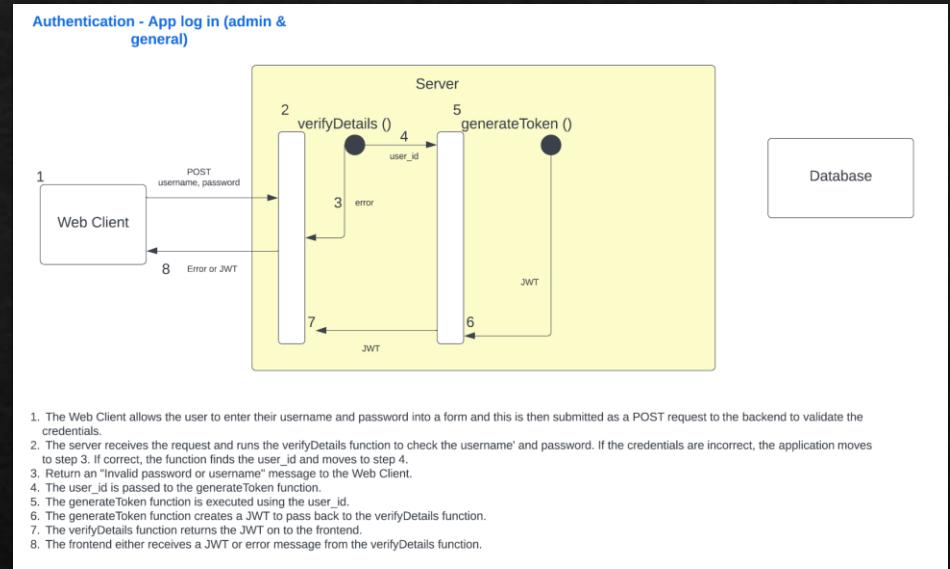
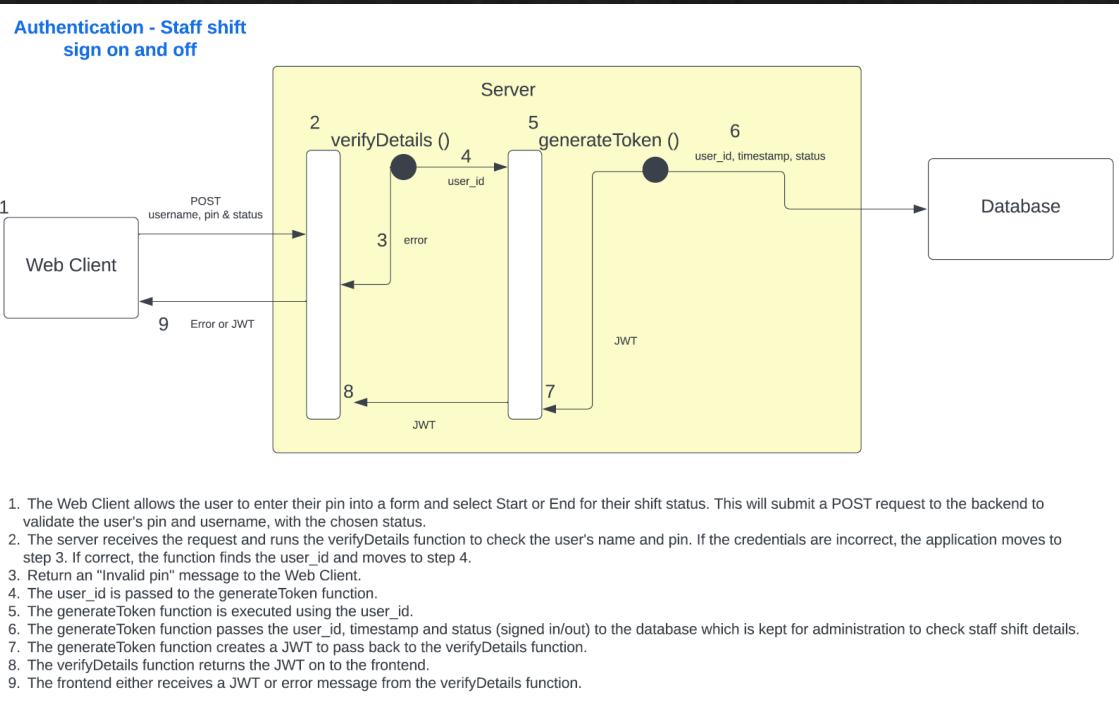
# Architecture Diagram



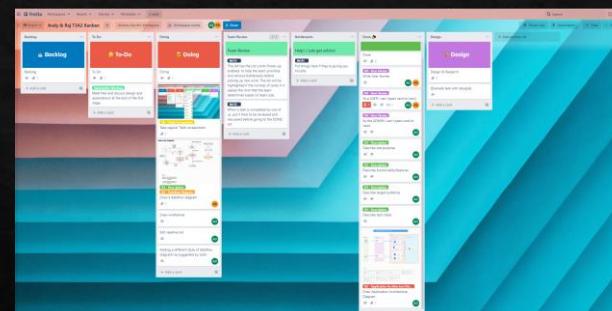
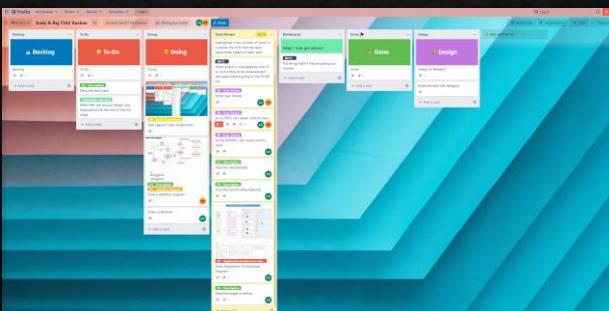
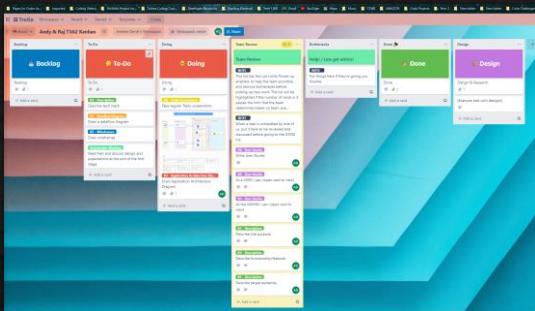
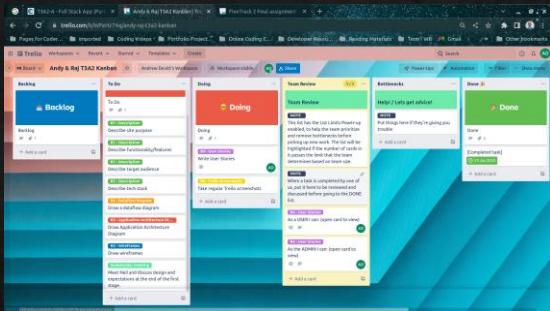
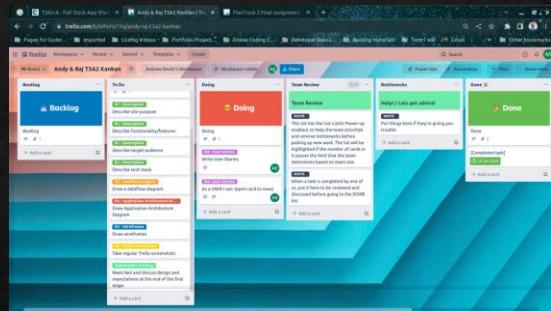
# Dataflow Diagrams



# Dataflow Diagrams



# Trello



Thank you

Any questions?