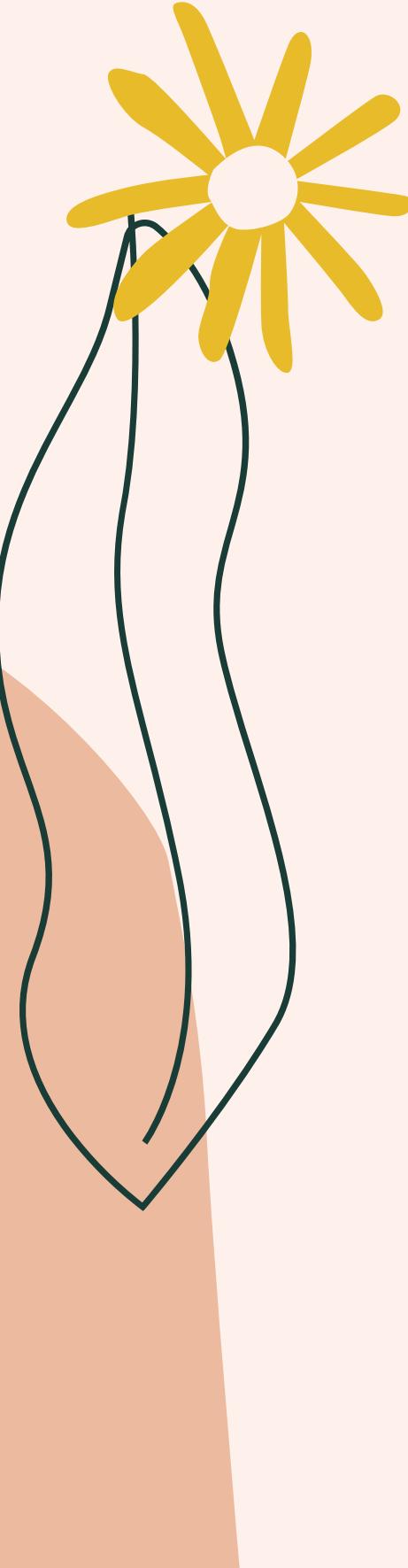


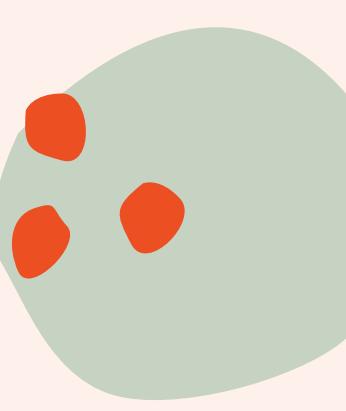
PROJECT PRIORITIZATION

Chen Zhang & Ana Mingyang Wang



Introduction

- Project Prioritization is an internal project management application for Teams and Subscriptions Marketing (TSM) which is in charge of building marketing landing pages for B2B on the website in Canva.
- Project Prioritization will help teams to prioritize their projects and improve team's productivity.





FRANCOIS BONDIGUEL

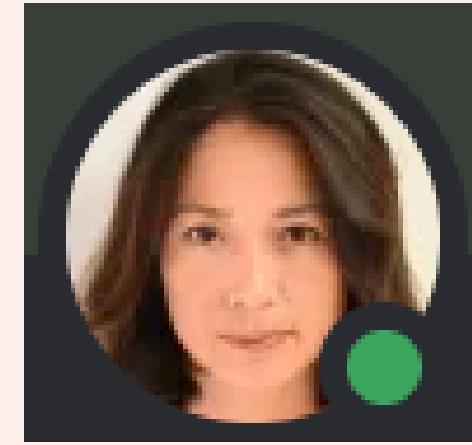
HEAD OF GROWTH MARKETING B2B AT CANVA



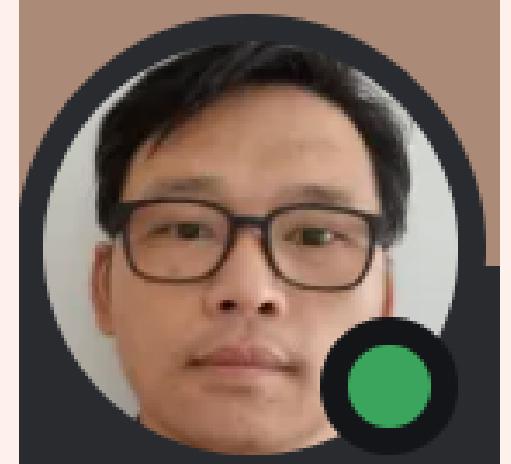
ANA MINGYANG WANG
SOFTWARE ENGINEER



CHEN ZHANG
SOFTWARE ENGINEER



NHI TRAN
SOFTWARE ENGINEER



ANTHONY CHUNG
SOFTWARE ENGINEER





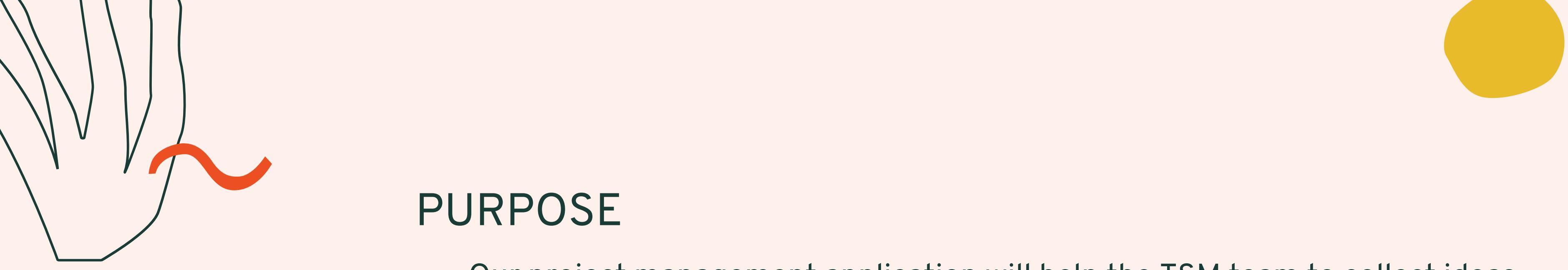
Tasks for Two Teams

APPLICATION 1

Project management app to collect and track ideas and feedback from users and prioritize projects to improve team productivity.

APPLICATION 2

Project management app that would simplify the decision-making process for managers to estimate, prioritise, and approve ideas/initiative submitted by their employees



Application 1

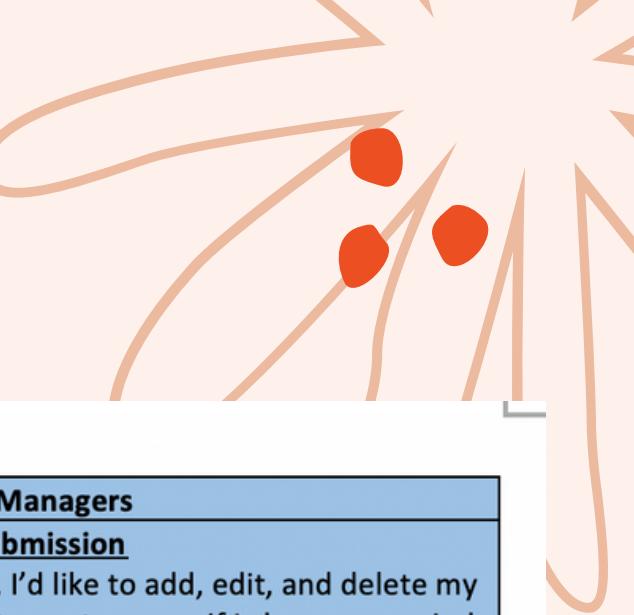
PURPOSE

- Our project management application will help the TSM team to collect ideas from various people at Canva and add relevant context/additional information to each idea.
- The application will also automatically calculate the ICE score that is required by the managers for their decision-making process.
- It allows managers to provide feedback for each idea so people can review their ideas.
- This application will let users be free from those manual spreadsheets and improve their productivity.



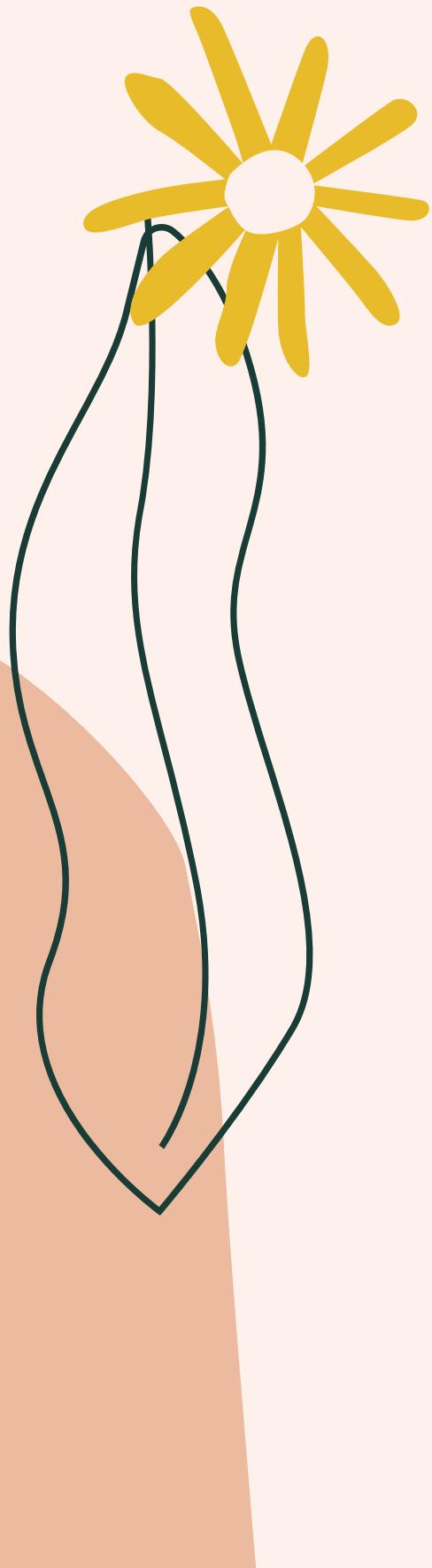


USER STORIES



- Each user story provides an idea of what feature/functionality is going to be built.
- We have six themes that give an overall understanding of our project management application.

User Stories		
Theme	Employees	Managers
Submit a form to share information	<p>User Story 1: idea submission As <u>Yel</u>, Software Engineer, I want to communicate my project ideas to my team, so I need to fill a form and submit it to my team/manager.</p> <p><u>Acceptance Criteria</u> “We have to formally fill in an online form if we want to share our project ideas to the team.” – <u>Yel</u></p>	<p>User Story 7: feedback submission As Kate, Project Manager, I’d like to add, edit, and delete my feedback before I send it to my team, so if I change my mind later, I can always come back to change my feedback.</p> <p><u>Acceptance Criteria</u> “It’s nice to be able to add, edit, and delete my feedback before I send it back to my team. Sometimes, you may not always get a full picture of a certain project immediately. I may change my mind and need to update my feedback.” – Kate</p>
Create, edit, and delete project information	<p>User Story 2: idea creation, modification, and deletion As <u>Amela</u>, Digital Designer, I want to be able to add, edit, and delete my ideas before I submit them, so I can feel free to make any changes in my project design later on.</p> <p><u>Acceptance Criteria</u> “A good innovative idea doesn’t appear in once and need a lot of deliberate thinking. It’s important for me to be able to add, edit, and delete ideas. Just in case, I want to change something later on before I press the submit button.” – <u>Amela</u></p>	<p>User Story 8: feedback creation, modification, and deletion As <u>Lochy</u>, Engineer Lead, I’d like to send my feedback to my team for each of their idea, so they can improve their initial ideas to meet organization expectation.</p> <p><u>Acceptance Criteria</u> “After I received new ideas from my team, I want to give feedback to them as soon as possible, they can improve their ideas that fit into our current strategy.” - <u>Lochy</u></p>
View history records/listings/feedback	<p>User Story 3: view project idea history As Sarah, Digital Designer, I want to be able to view my project history, so I don’t need to remember each project detail that I created.</p> <p><u>Acceptance Criteria</u> “I’m a busy person and can’t always remember what I did for my projects after several days later. I’d love to be</p>	<p>User Story 9: view feedback history As Nick, Senior QA Engineer, I’d like to view my feedback history, so I can track those ideas with my feedback.</p> <p><u>Acceptance Criteria</u> “I want to review and track the ideas with my feedback and check whether people need helps for my feedback or not.” – Nick</p>

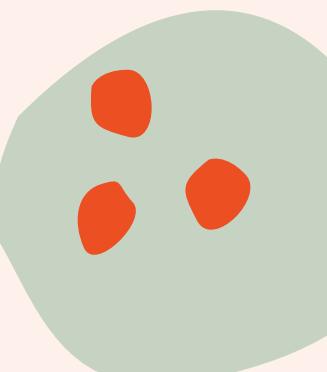


TARGET AUDIENCE

Our target audiences are all the employees in Canva and the managers in Canva's Teams and Subscriptions Marketing.

FUNCTION & FEATURES

- Enable users (both employees and managers) to register the application
- Enable users to edit their user profile
- Allow users to submit their ideas
- Allow users to add, edit, and delete their ideas before submission
- Automate calculate ICE score
- Enable users to view their own project history, all the submitted projects, and managers' feedback
- Enable managers (only) to view their feedback history
- Allow managers (only) to add, edit, and delete their feedback before submission
- Allow managers (only) to edit other users' ICE scores
- Enable users to search for projects



Tech Stack

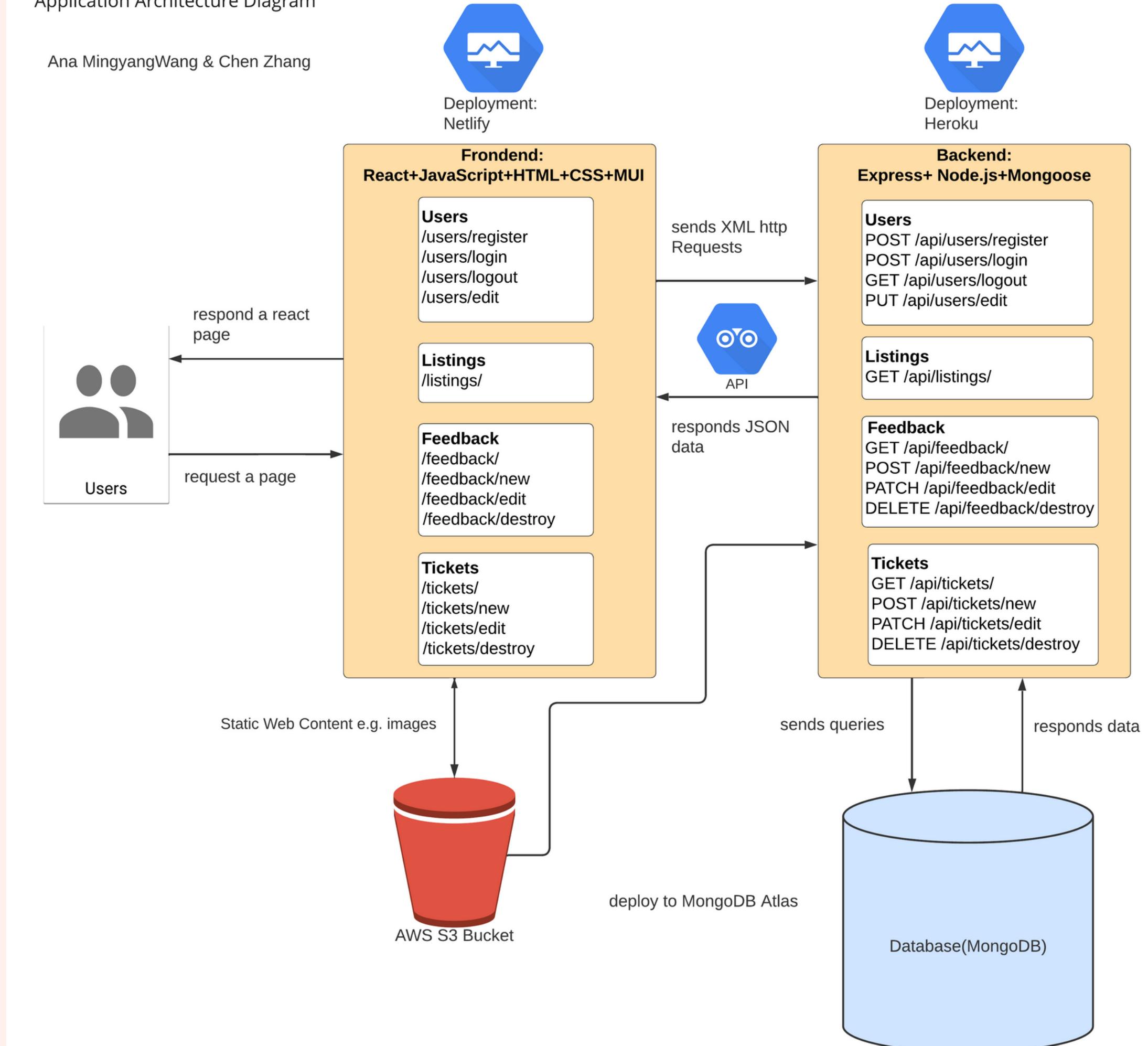
MERN full-stack app:

- Front-end: React, JavaScript, HTML
- Back-end: Express, Node.JS, Mongoose
- Database: MongoDB
- Styling framework: Material UI, CSS
- Deployment: Netlify for front-end, Heroku for back-end
- Cloud-storage service: AWS S3 Bucket feature to store our uploaded images

Application Architecture Diagram

Application Architecture Diagram

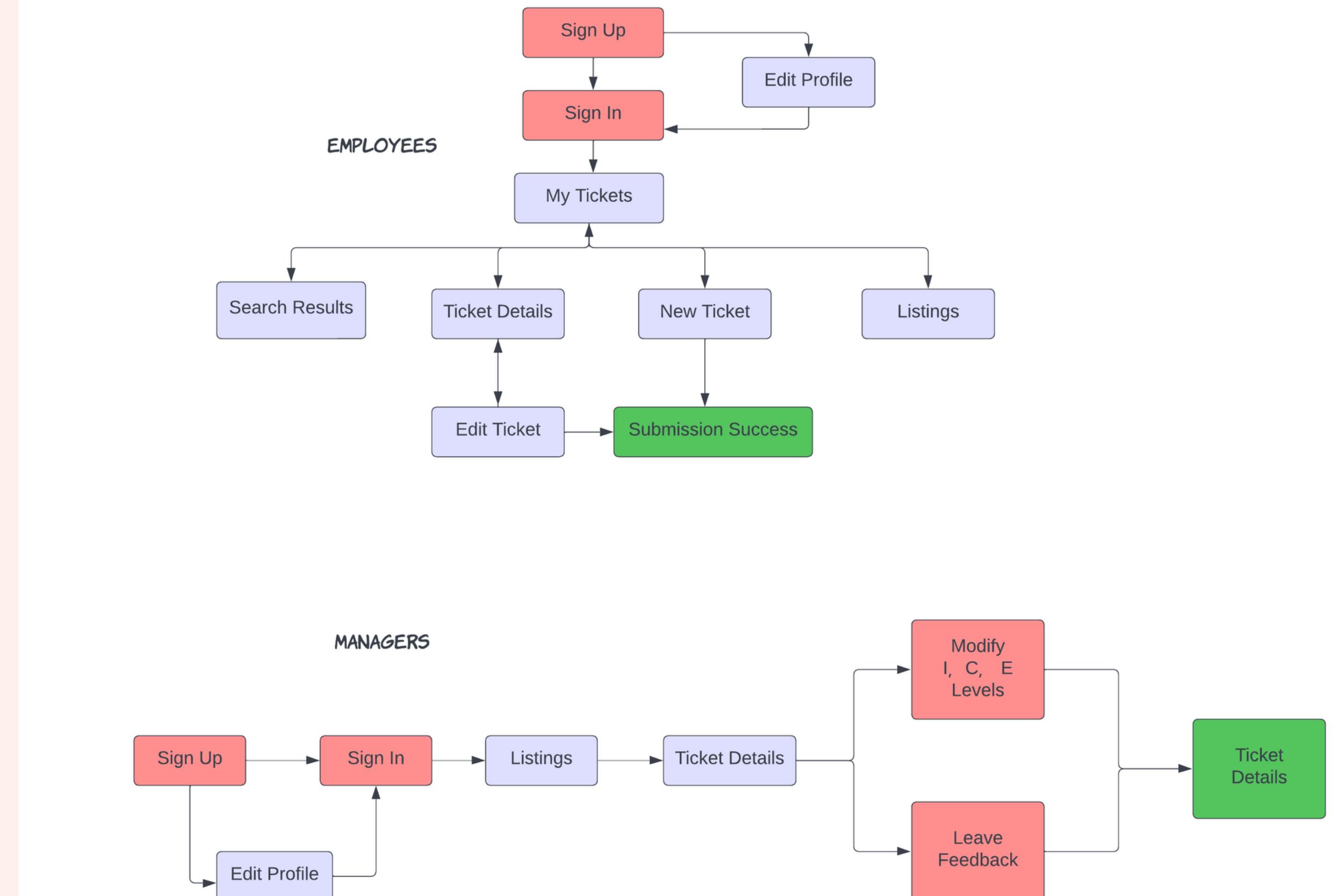
Ana Mingyang Wang & Chen Zhang



Sitemap Diagram

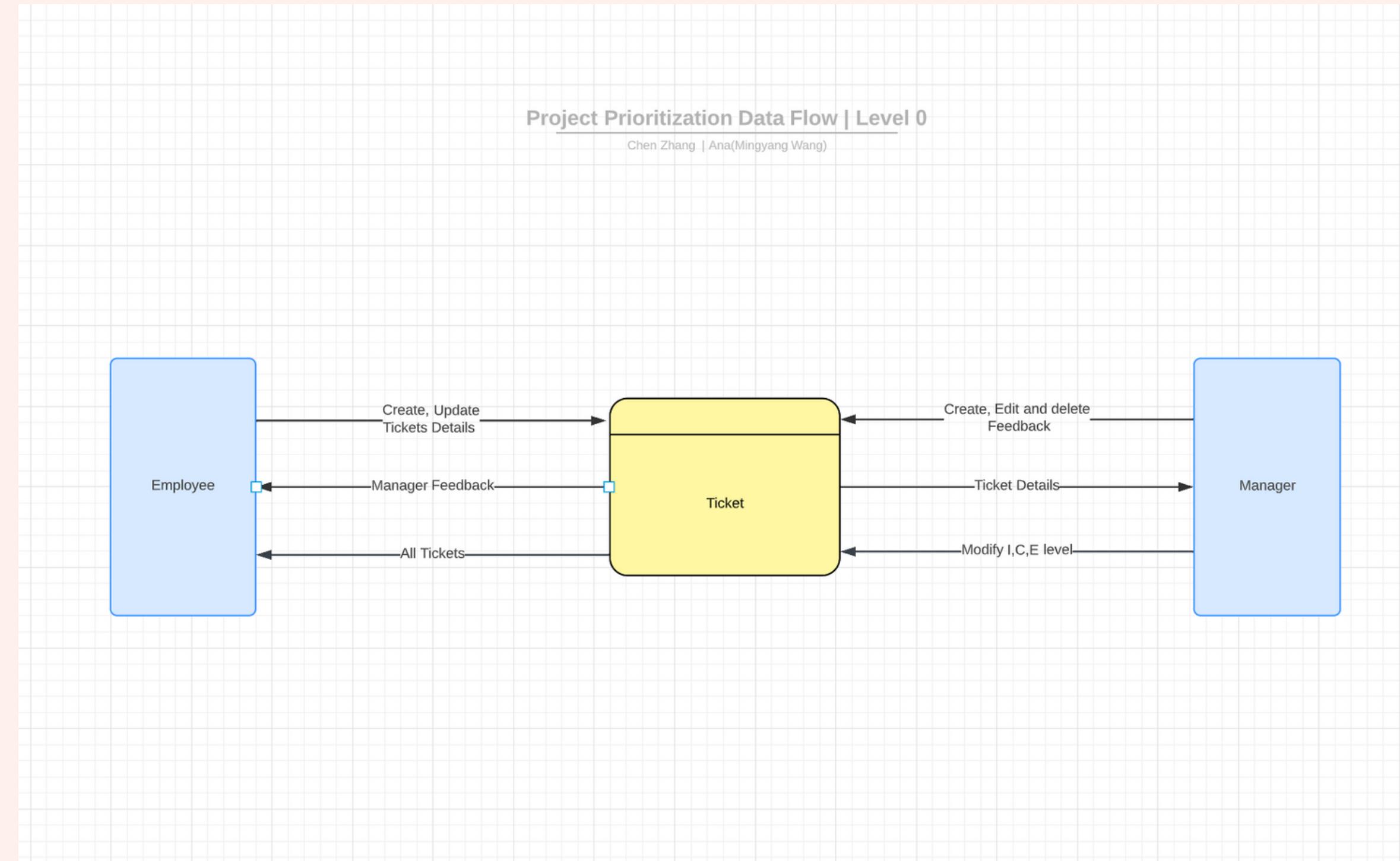
Sitemap of Project Prioritization Application

Ana Mingyang Wang & Chen Zhang



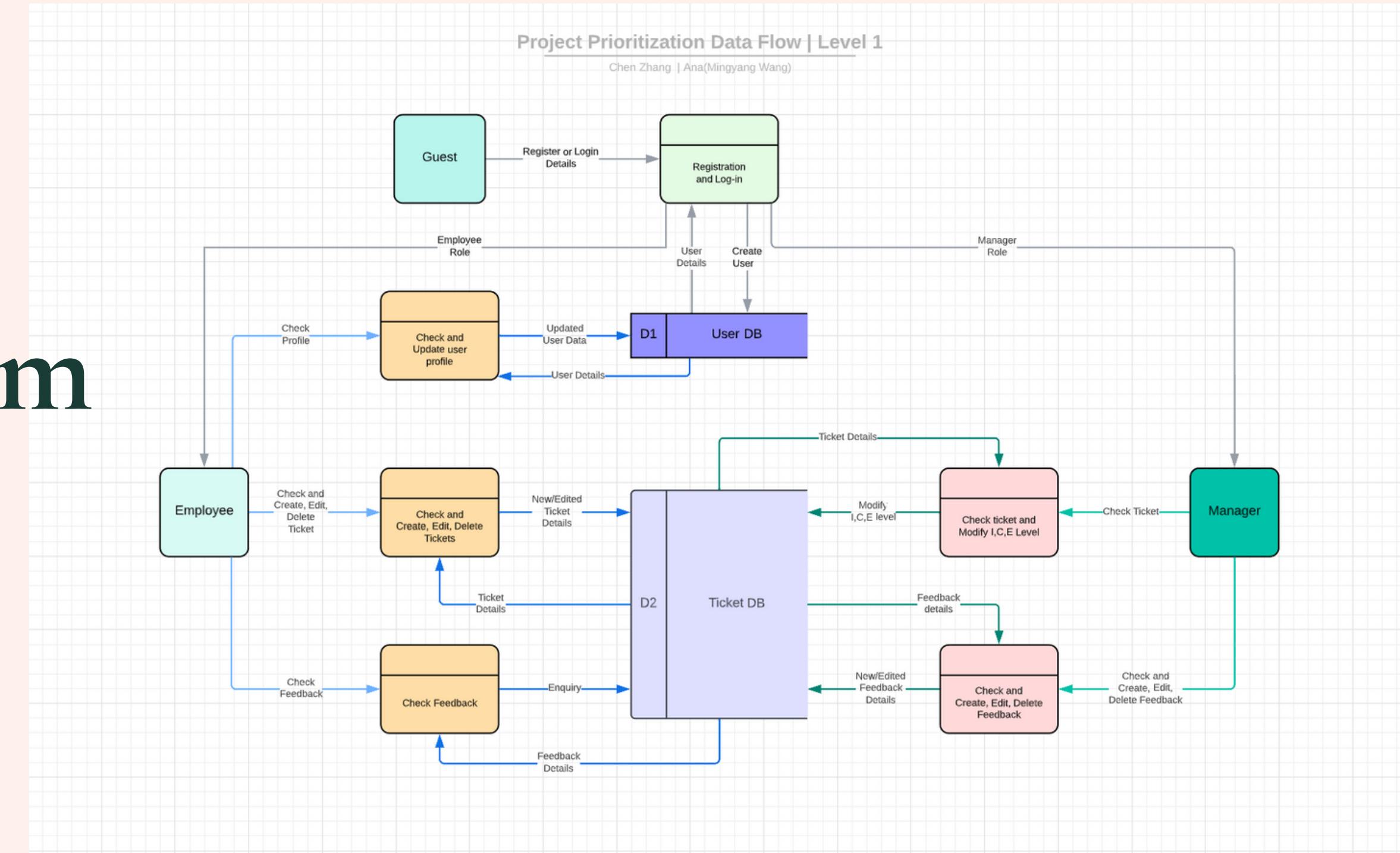
Dataflow Diagram

Level 0



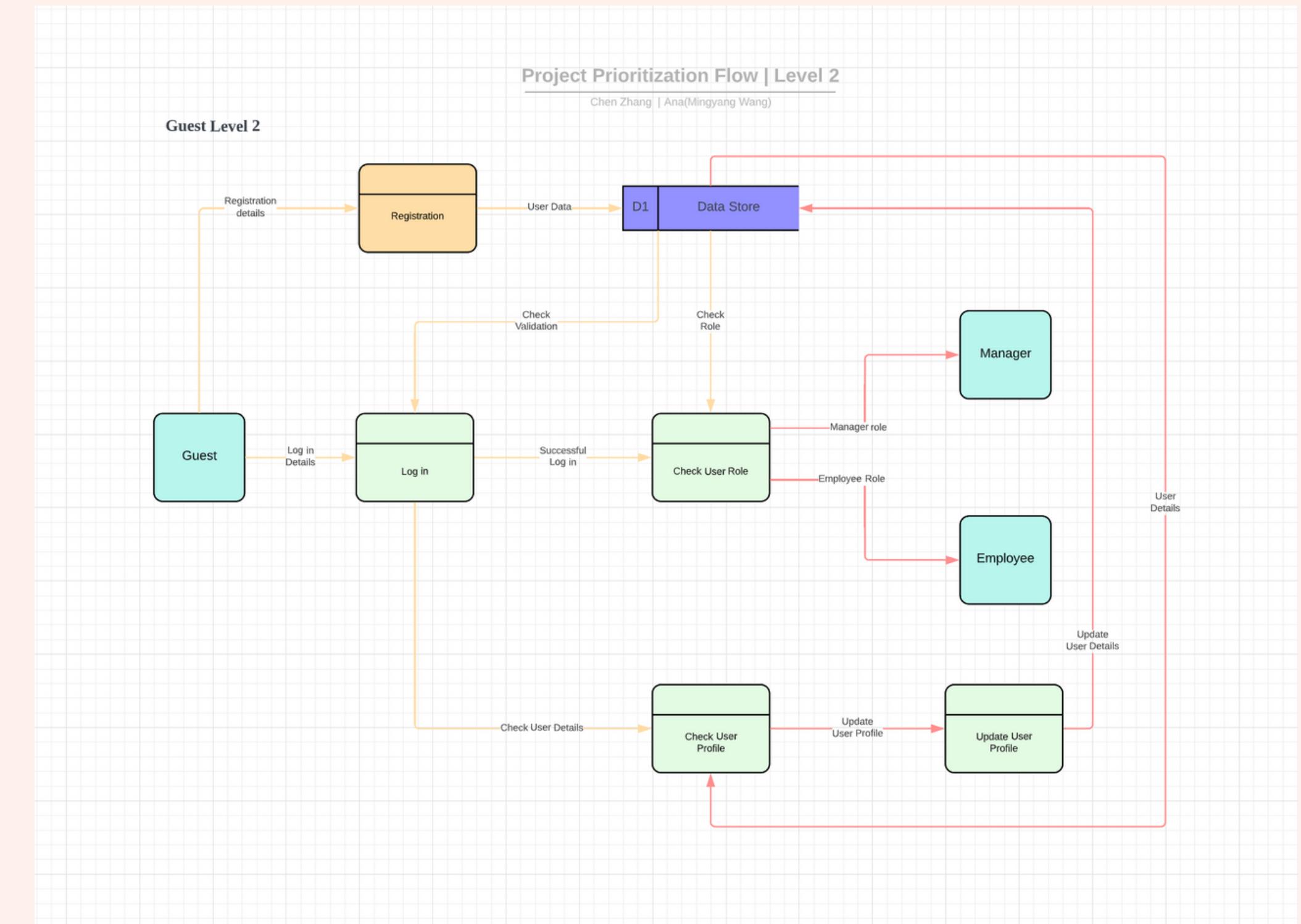
Dataflow Diagram

Level 1



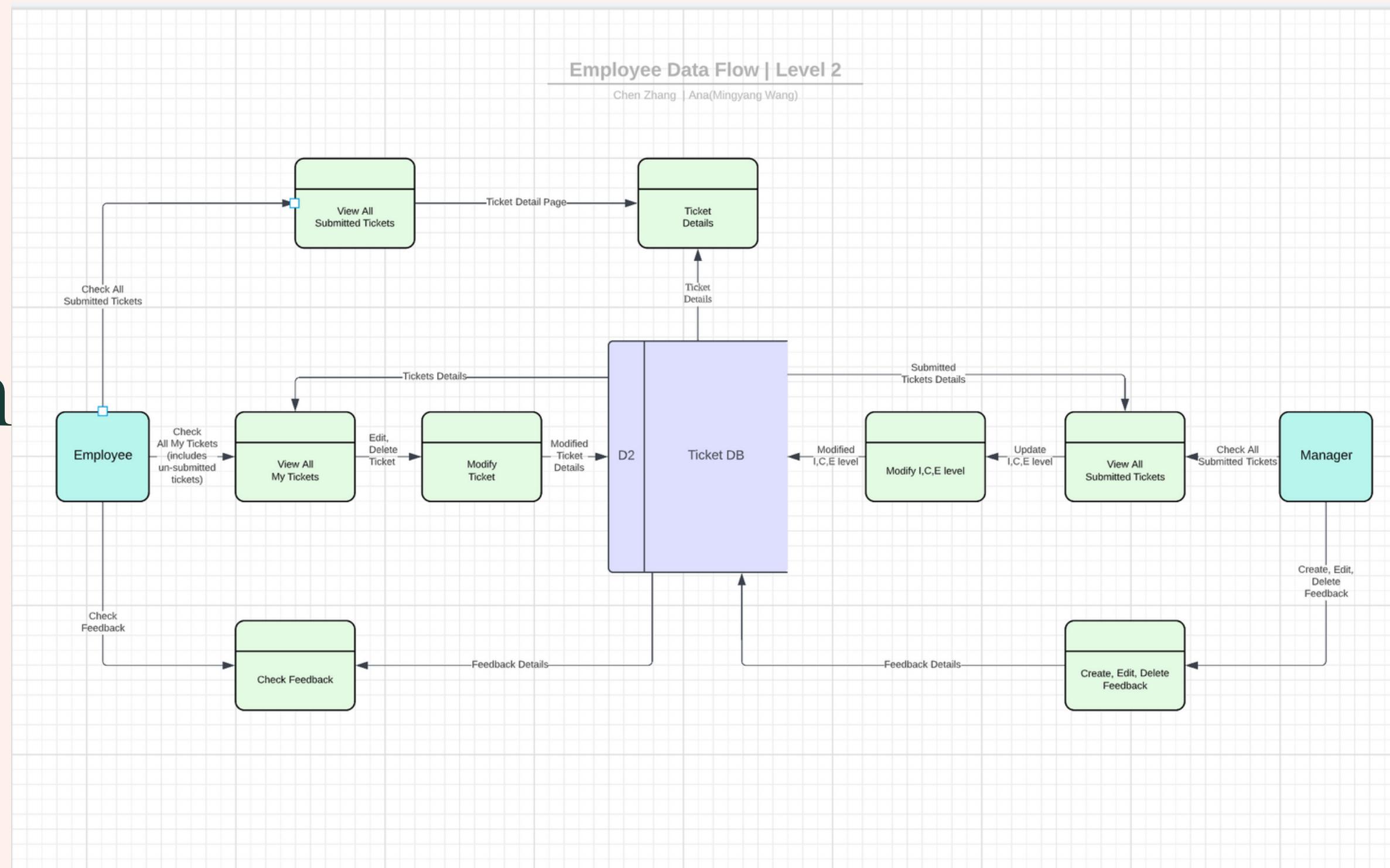
Dataflow Diagram

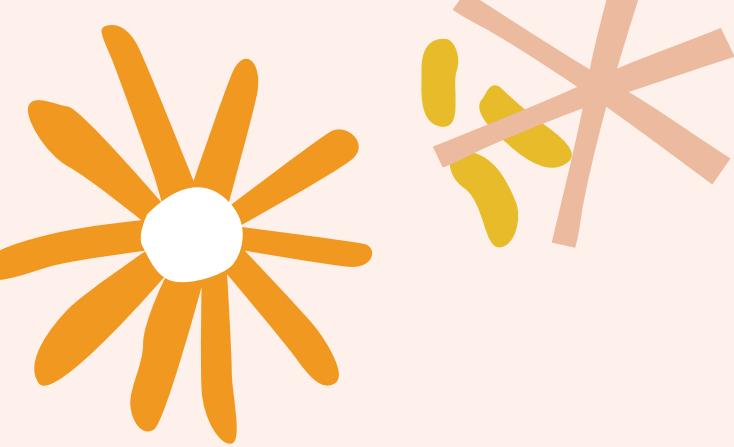
Level 2



Dataflow Diagram

Level 2





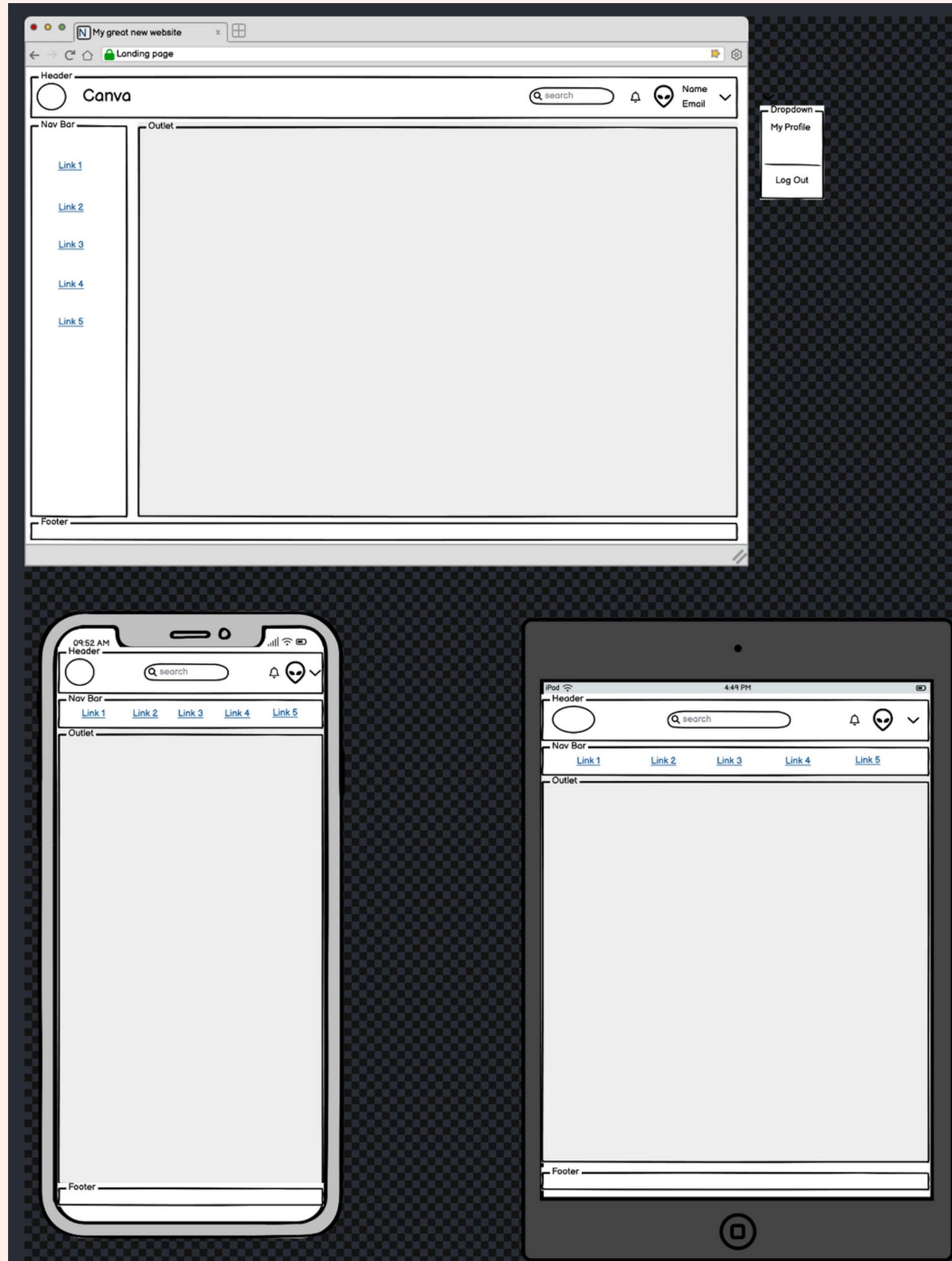
Wireframes

This wireframe shows two side-by-side desktop sign-in forms. The left form is titled "Sign In" and includes fields for Email, Password (with a green checkmark), Remember me? (checkbox), Sign In button, and Forgot Password? link. The right form is titled "Sign Up" and includes fields for First Name, Last Name, Email, Password (with a green checkmark), Confirm Password (with a green checkmark), Sign Up button, and Already a user? Sign In link. Both forms contain placeholder text in boxes: "Lorem Ipsum Dolor, Sit Amet Consectetur Adipisicing Elit. Alios Quidem Excepturi Natus Iste Ut. Alias, Quod? Earum Pariatur Obcaecati Dolorum!"

This wireframe shows two mobile devices displaying the same sign-in and sign-up forms. On the left is an iPhone with a white home screen and a black frame, showing the "Sign In" form. On the right is an iPod with a black home screen and a dark gray frame, showing the "Sign Up" form. Both devices have a status bar at the top indicating time and signal strength.

Sign In/Sign up

LANDING PAGE



NEW TICKETS

The image displays three devices showing the 'New Ticket' form. The top device is a desktop browser window titled 'Outlet' with a light blue header. The middle device is a smartphone with a white header showing the time as 09:52 AM. The bottom device is an iPad with a dark grey header showing the time as 4:49 PM.

New Ticket

Initiative

Font | Size | Bold | Italic | Others

Description

Target Due date Impact Confidence Effort Upload files

Save Submit

Target Due date Impact Confidence Effort Upload files

Target Due date Impact Confidence Effort Upload files

Save Submit

Outlet

All Submitted Tickets

	Ticket	Initiative	Description	Submitted Date	Priority	Target,Feedback	ICE SCORE	Ticket Details
1	Ticket	Initiative	Description	Submitted Date	Priority	Target,Feedback	ICE SCORE	Ticket Details
2	Ticket	Initiative	Description	Submitted Date	Priority	Target,Feedback	ICE SCORE	Ticket Details
...	Ticket	Initiative	Description	Submitted Date	Priority	Target,Feedback	ICE SCORE	Ticket Details
...	Ticket	Initiative	Description	Submitted Date	Priority	Target,Feedback	ICE SCORE	Ticket Details

Sort ▾

09:52 AM

iPod

4:49 PM

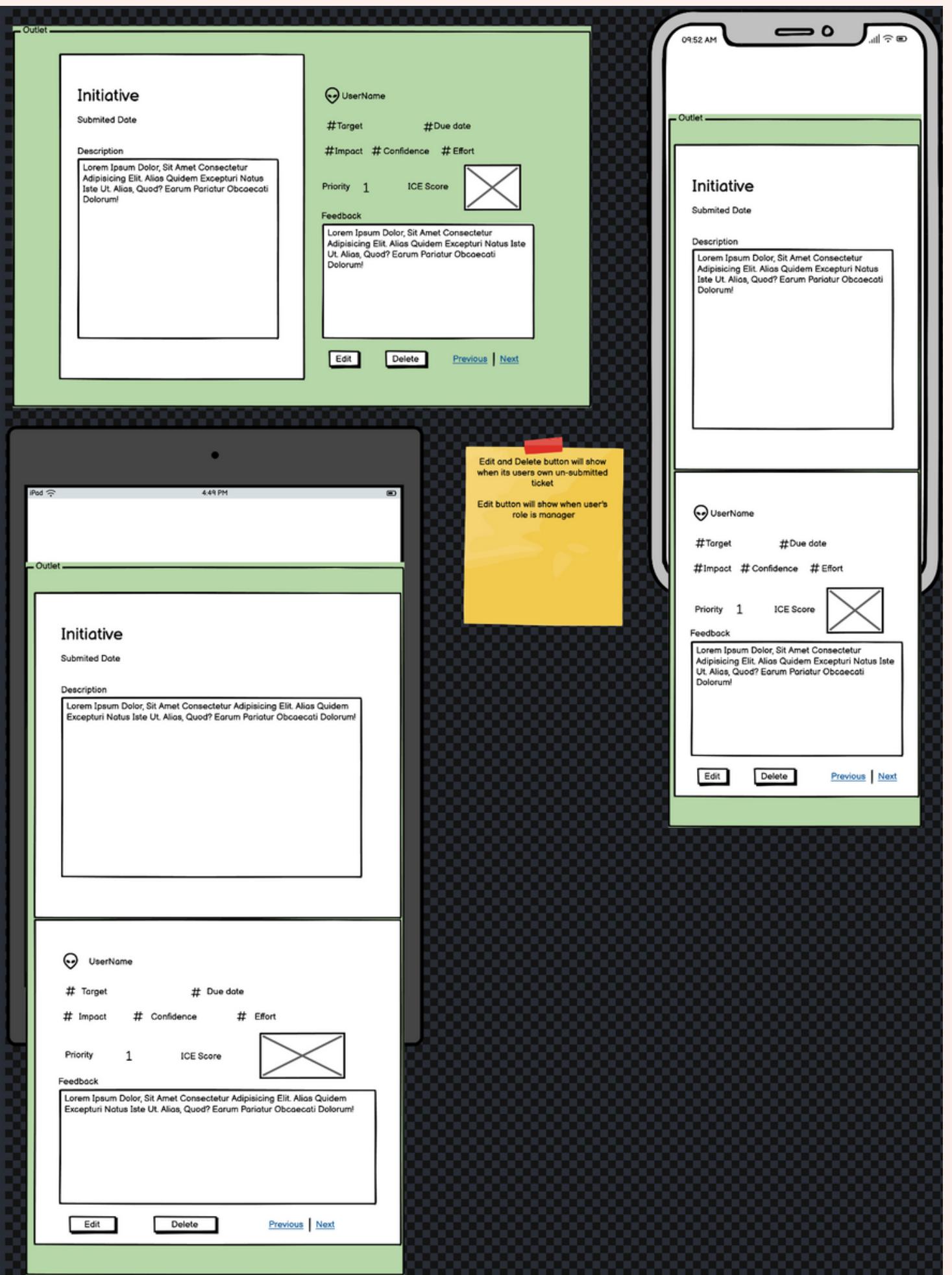
Outlet

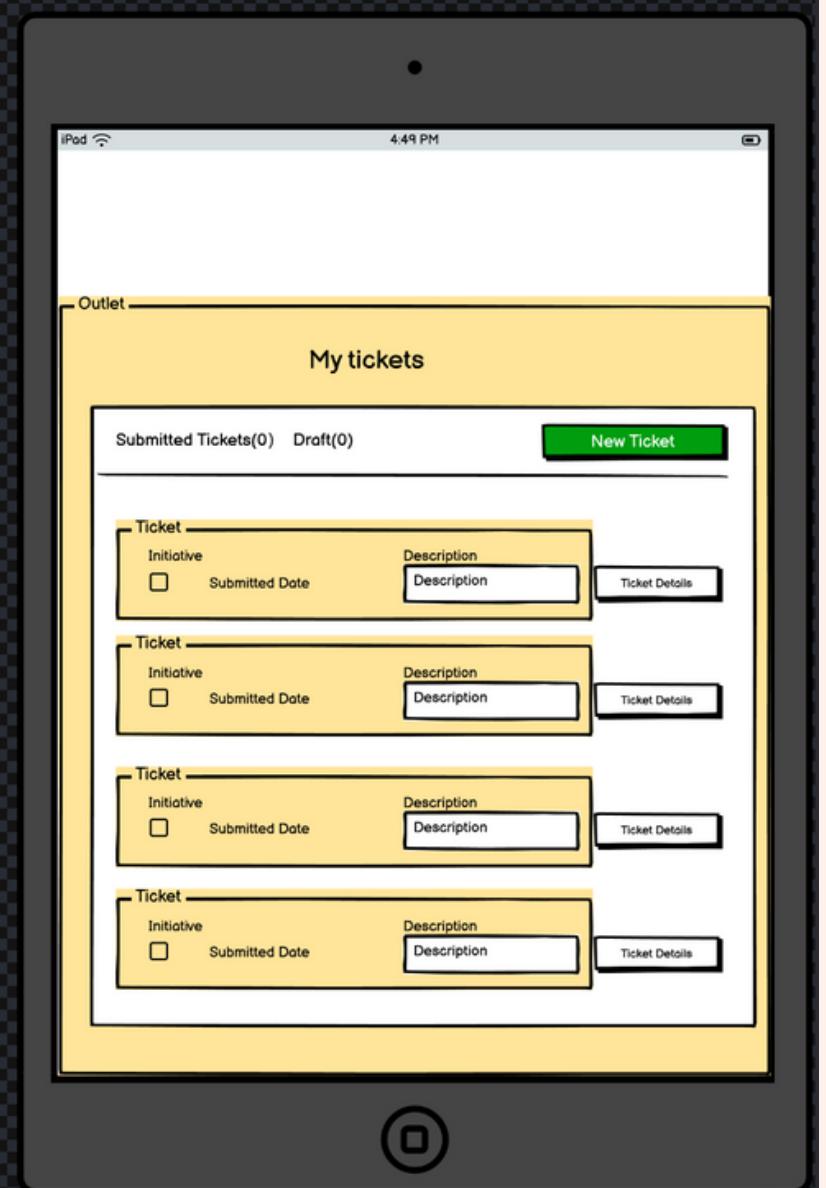
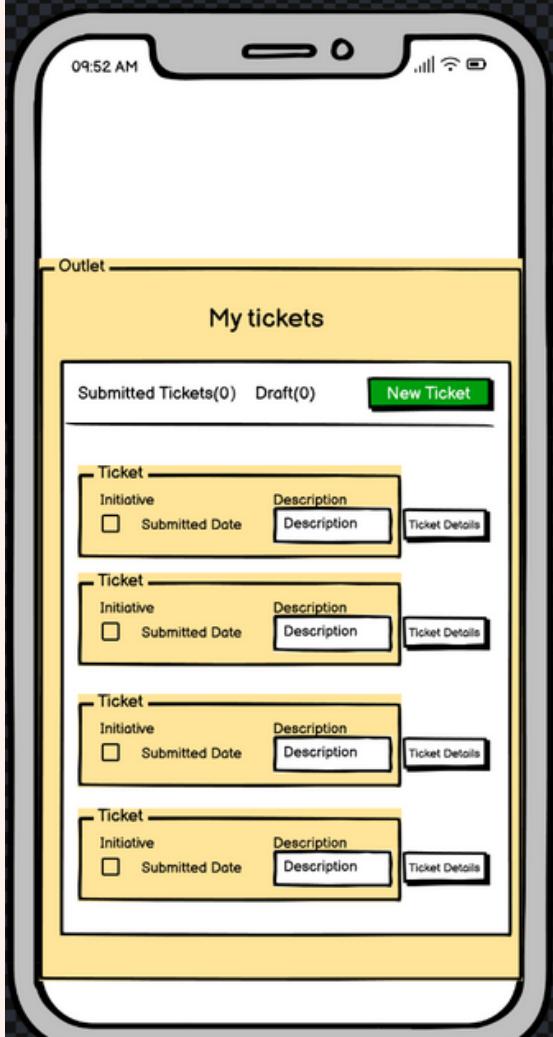
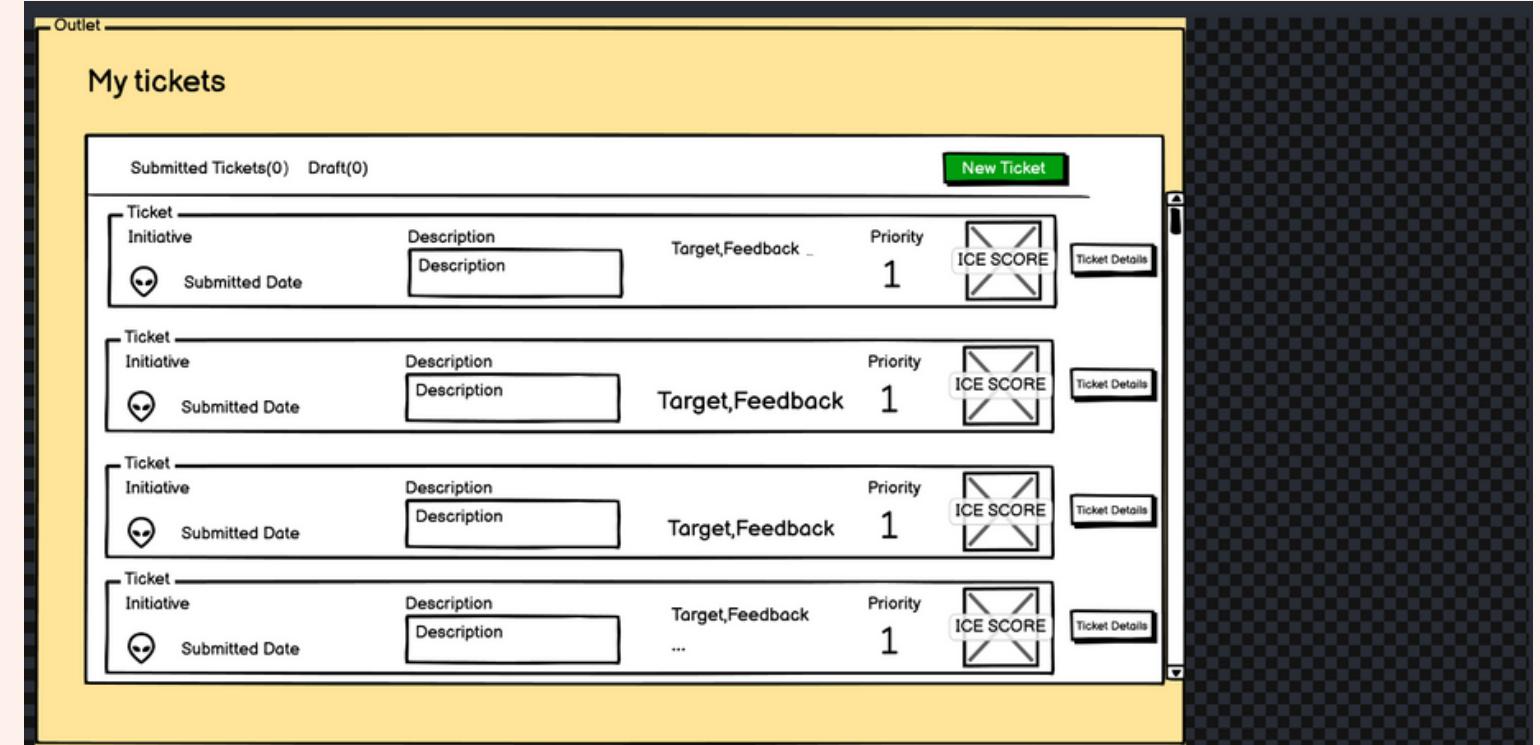
All Submitted Tickets

	Ticket	Initiative	Description	Submitted Date	Priority	Target,Feedback	ICE SCORE	Ticket Details
1	Ticket	Initiative	Description	Submitted Date	Priority	Target,Feedback	ICE SCORE	Ticket Details
2	Ticket	Initiative	Description	Submitted Date	Priority	Target,Feedback	ICE SCORE	Ticket Details
3	Ticket	Initiative	Description	Submitted Date	Priority	Target,Feedback	ICE SCORE	Ticket Details
4	Ticket	Initiative	Description	Submitted Date	Priority	Target,Feedback	ICE SCORE	Ticket Details

LISTING PAGE (ALL TICKETS)

TICKET DETAILS





MY TICKETS

EDIT TICKET

The image shows a wireframe of a mobile application interface for editing a ticket. The top half of the screen displays a form with fields for 'Submitted Date', 'Description' (with a rich text editor toolbar), and 'Feedback' (with a rich text editor toolbar). Below these are dropdown menus for 'Target', 'Due date', 'Impact', 'Confidence', 'Effort', and 'Upload files'. At the bottom are three buttons: 'Cancel', 'Save', and a green 'Submit' button. The bottom half of the screen shows a larger view of the same form, with a yellow sticky note overlay containing the text: 'Manager can only leave feedback and change I, C, E levels. Employee can edit un-submitted tickets and submit the ticket.' The entire interface is set against a dark background.

Initiative

Submitted Date

Description

Font Size Bold Italic Others

Target Due date Impact Confidence Effort Upload files

Feedback

Font Size Bold Italic Others

Manager can only leave feedback and change I, C, E levels. Employee can edit un-submitted tickets and submit the ticket.

Cancel Save Submit

Initiative

Submitted Date

Description

Font Size Bold Italic Others

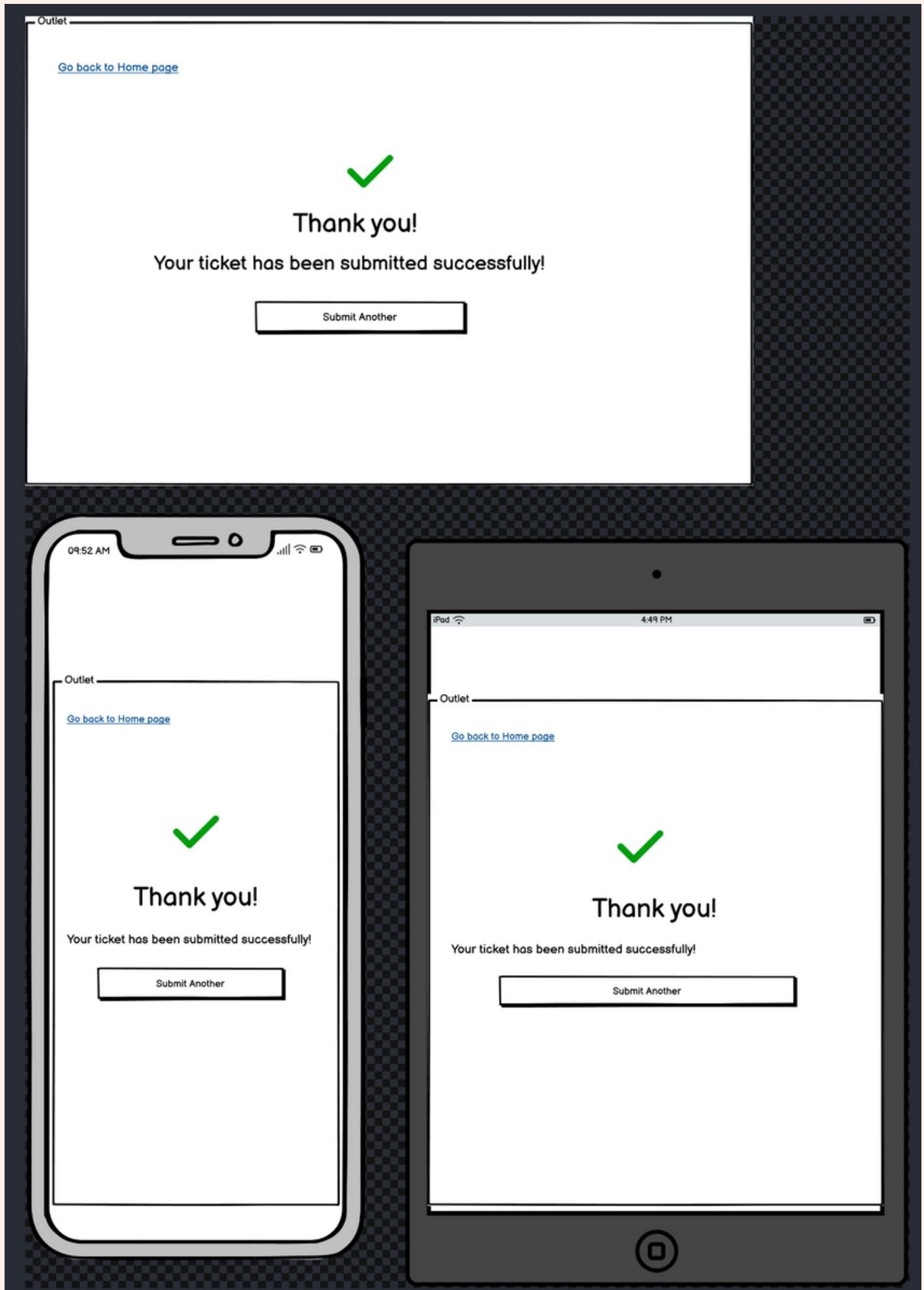
Target Due date Impact Confidence Effort Upload files

Feedback

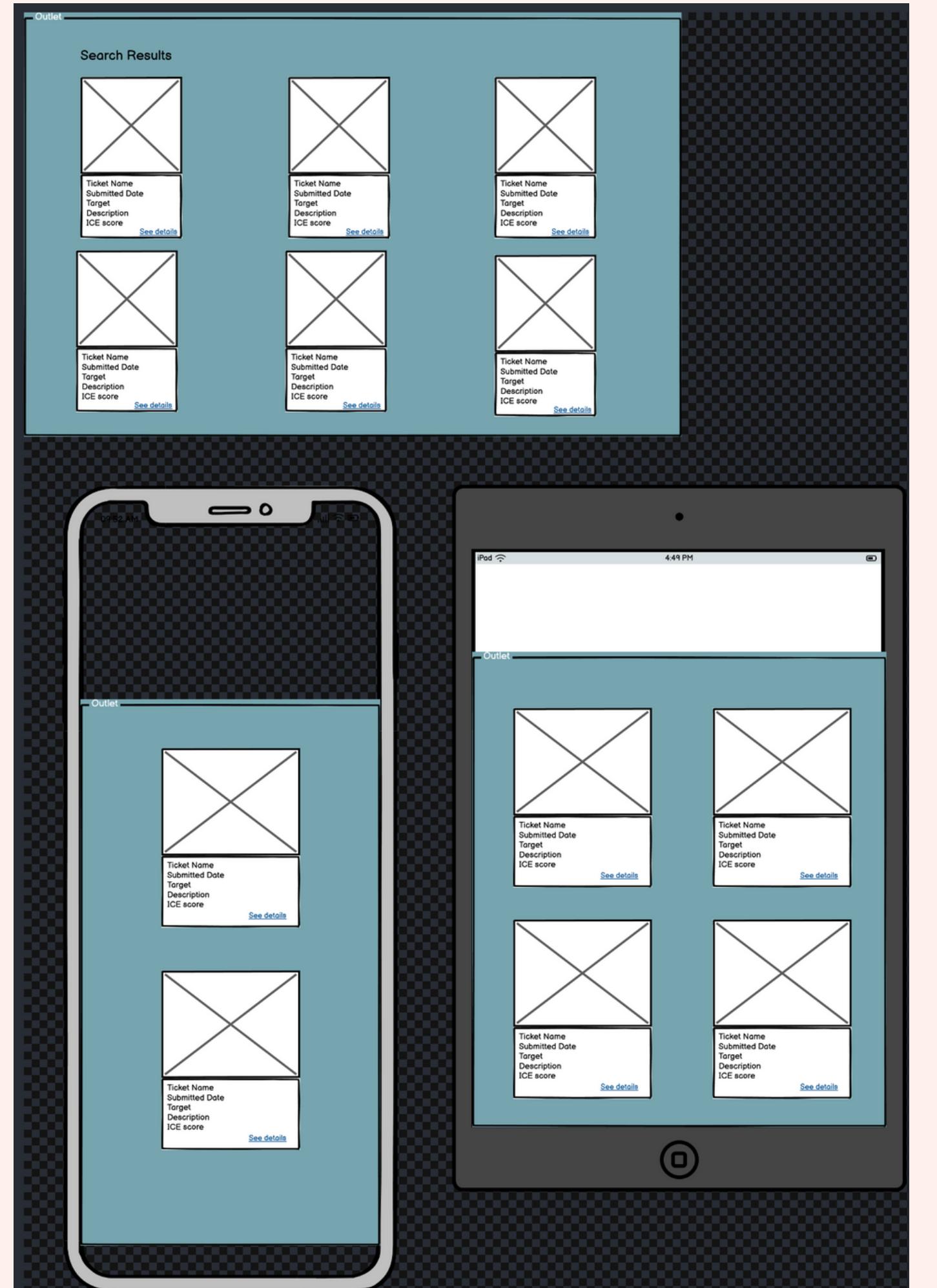
Font Size Bold Italic Others

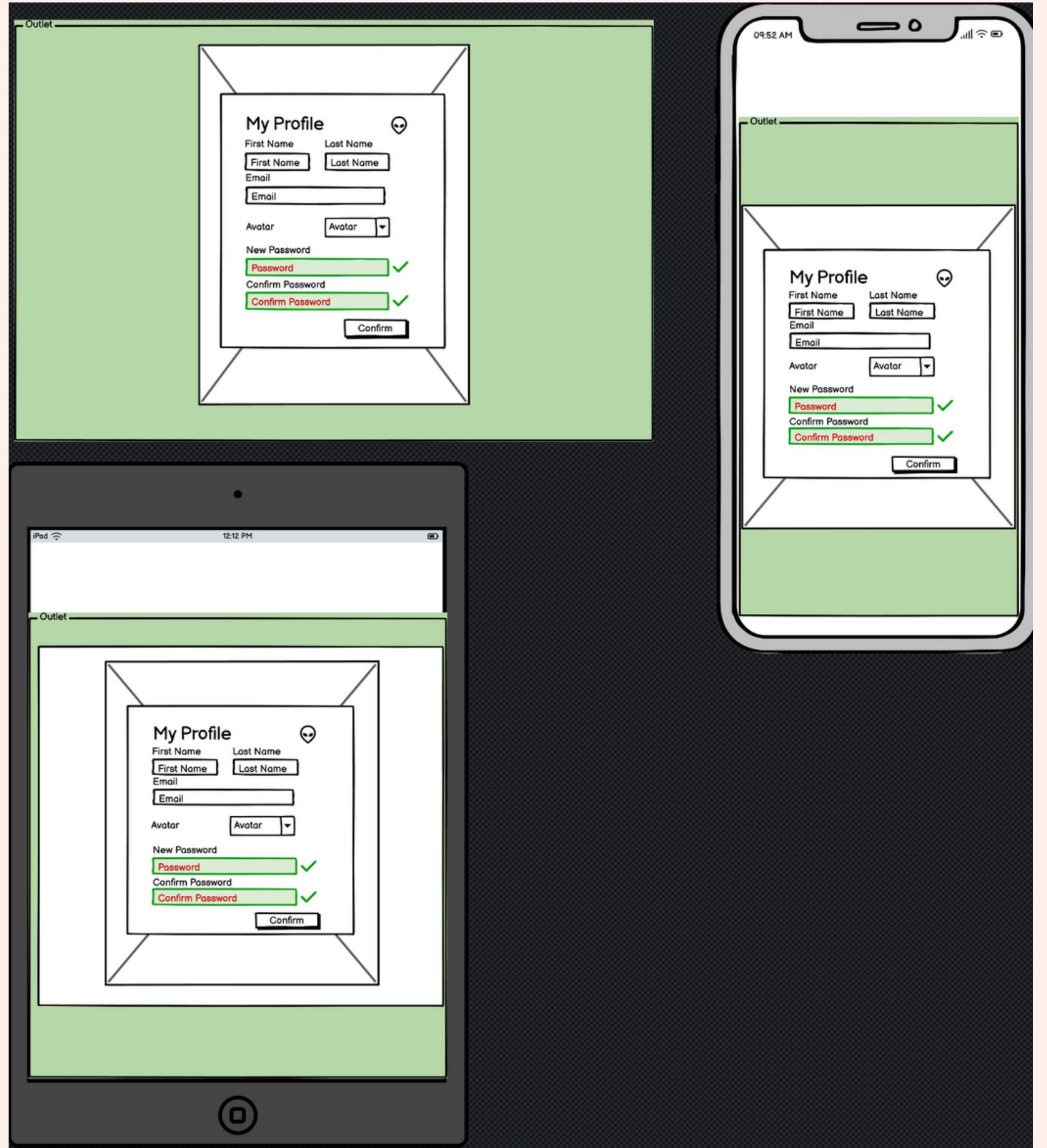
Cancel Save Submit

SUBMISSION SUCCESS



SEARCH RESULTS





EDIT PROFILE

TRELLO

This board is set to public. You can change its visibility at any time. [Learn more here](#)

Project Prioritisation Application

Part A: Plans

- Sprint Week 3 31/10-6/11**
 - Sprint Week 3**
 - Screenshots of Trello board throughout the duration of the project
 - Finish Work T3A2 Part A
- + Add a card

Part A: Doing

- Part A: Double Check**
 - Dataflow Diagram**
 - Application Architecture Diagram**
 - Presentation**
 - Presentation slides**
- Part A: Double Check**
- Wireframes**
- My Tickets Page Wireframe**
- Search Result Page Wireframe**
- Landing Page Wireframe**
- Submission Success Page Wireframe**
- User Stories**

PartA: Done

- Finish Line**
 - Purpose of the project
 - Functionality / Features
 - Target Audience
 - Tech Stack
 - User Stories

Board | Trello Workspace | Public | AW CZ | Share | Automation | Power-Ups | Filter | X | Search | AW

THANK YOU

