BUILD AN EMPLOYEE TRAVEL APPROVAL APPLICATION FOR CORPATE

1 . INTRODUCTION

1.1 Overview

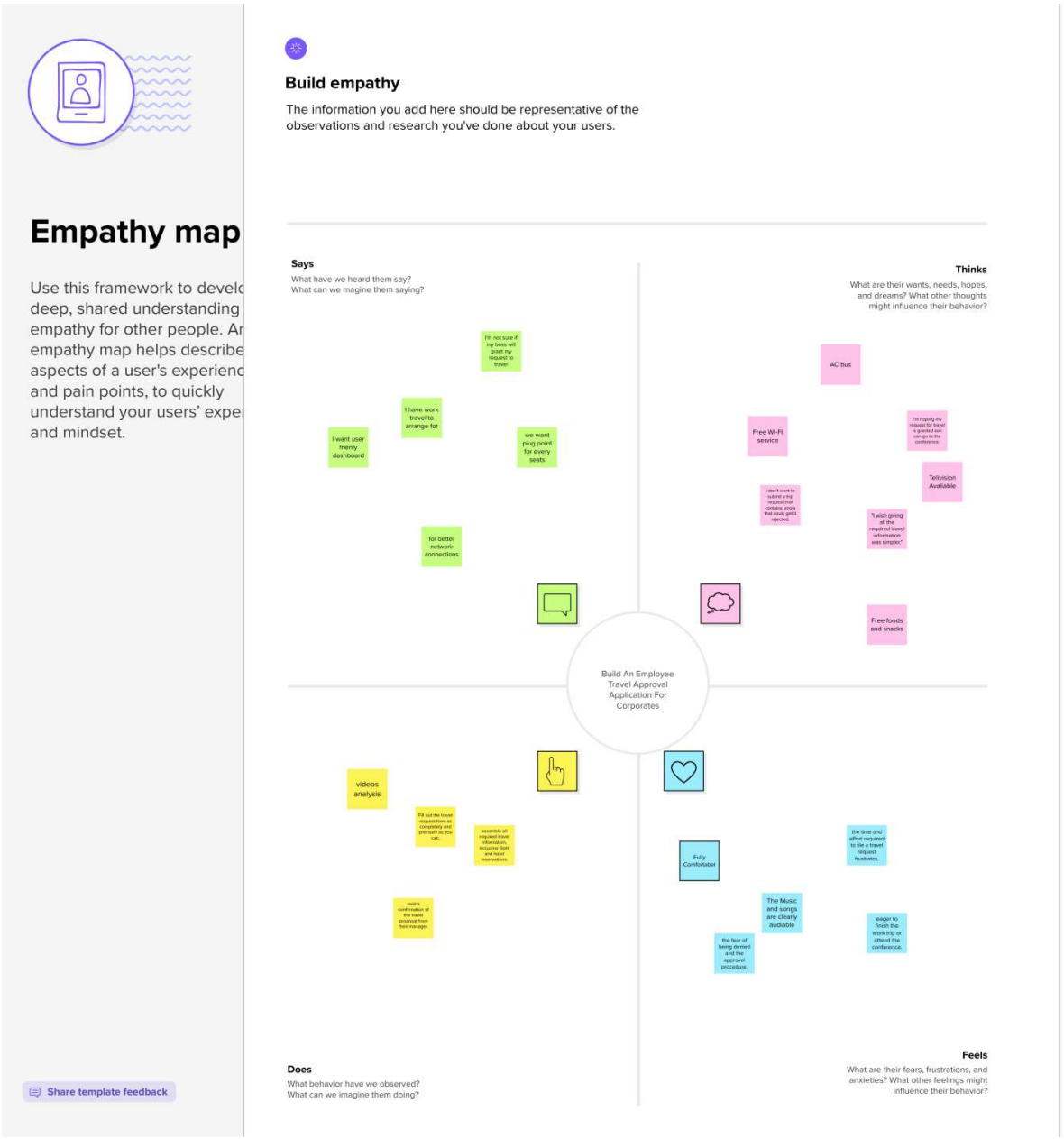
An employee travel approval application for corporations should simplify the travel request process for employees and provide managers with the tools they need to manage travel expenses effectively

1.2 Purpose

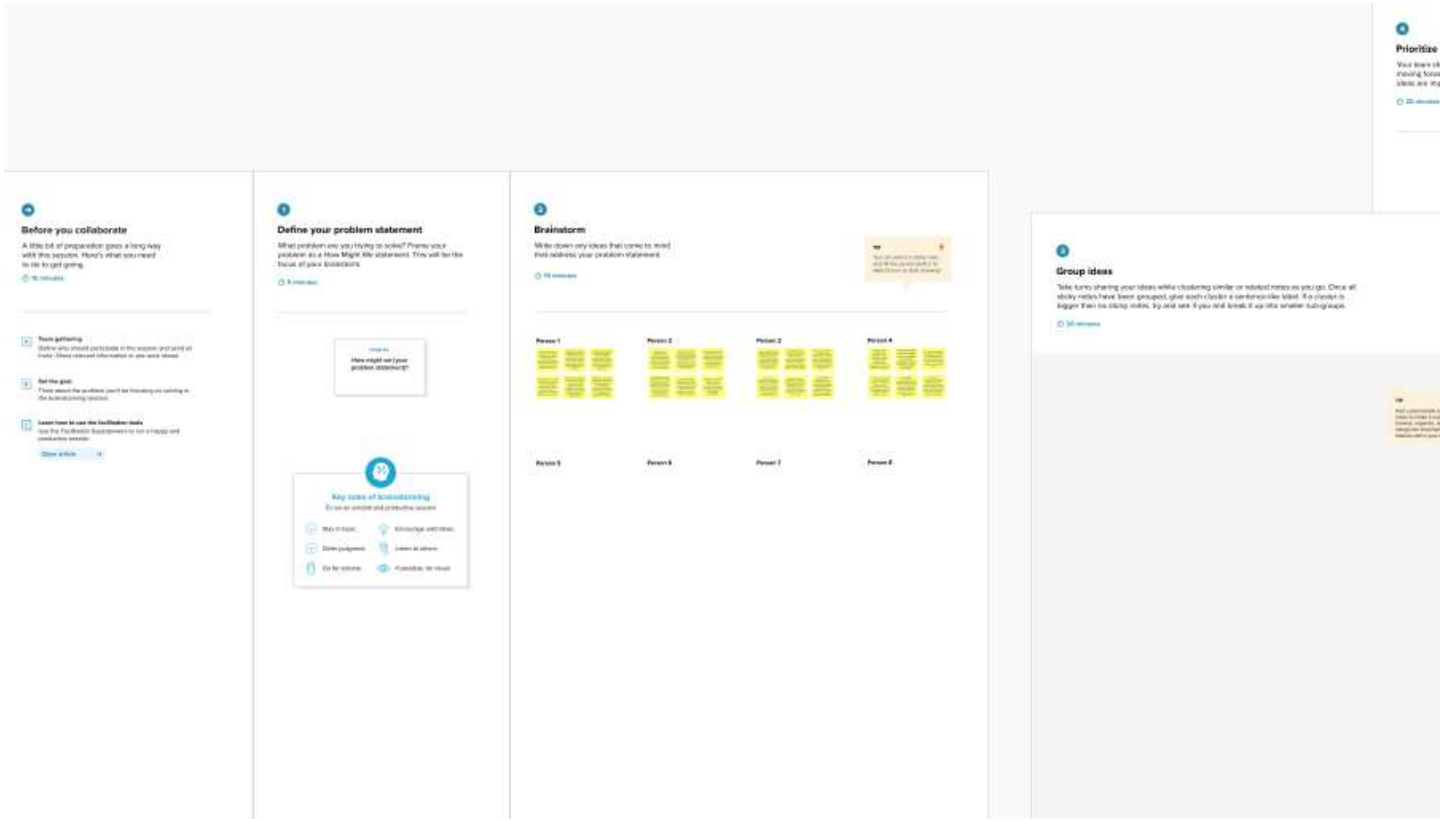
The purpose of an employee travel approval application for corporates is to automate and streamline the travel request and approval process, ensuring that employees have the resources they need to travel efficiently and that managers have the tools they need to manage travel expenses effectively.

2 . Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation & Brainstroming Map



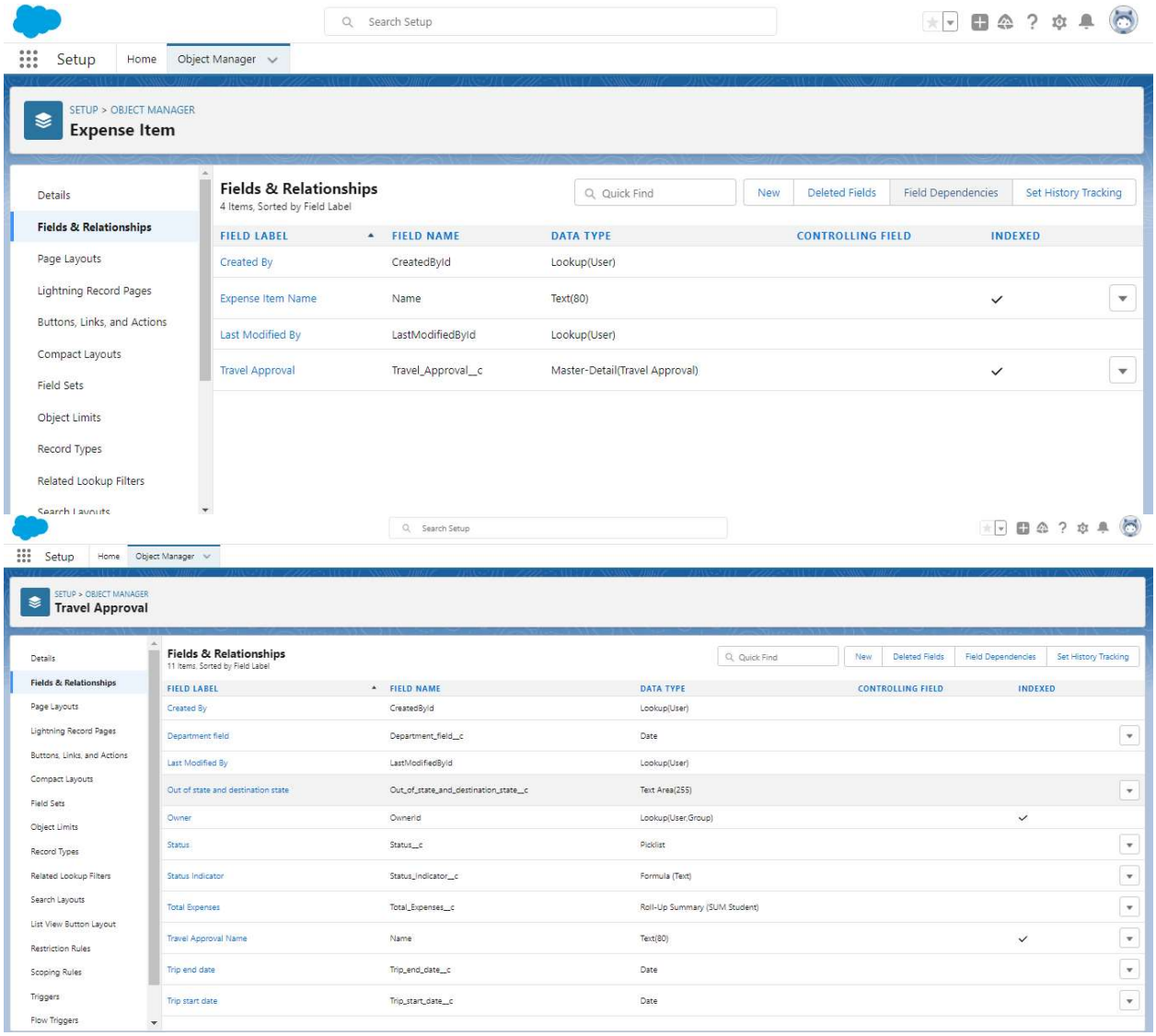
3. RESULT

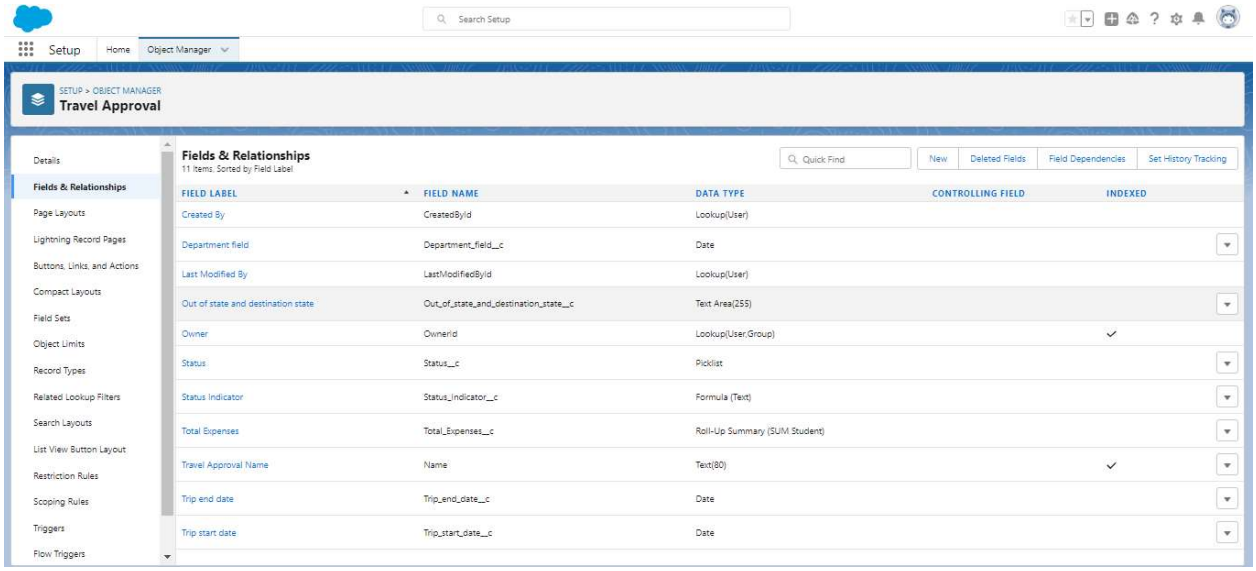
3.1Data Model

<table>
<tr><th>Object Name</th><th>Fields in the Object</th></tr>
<tr><td>Travel Approval</td><td>
<table>
<tr><th>Field label</th><th>Data Type</th></tr>
<tr><td>Department field</td><td>Date</td></tr>
<tr><td>Status</td><td>Pick list</td></tr>
<tr><td>Status Indicator</td><td>Formula (text)</td></tr>
<tr><td>Travel approval name</td><td>Text (80)</td></tr>
<tr><td>Trip Start Date</td><td>Date</td></tr>
<tr><td>Trip End Date</td><td>Date</td></tr>
</table>
</td></tr>
</table>

<table>
<tr>
<td>Department</td>
<td>
<table>
<tr><th>Field label</th><th>Data Type</th></tr>
<tr><td>Department name</td><td>Text(80)</td></tr>
<tr><td>Owner</td><td>Lookup
(user , group)</td></tr>
</table>
</td>
</tr>
<tr>
<td>Expense Item</td>
<td>
<table>
<tr><th>Field label</th><th>Data type</th></tr>
<tr><td>Expense item name</td><td>Text (80)</td></tr>
<tr><td>Travel approval</td><td>Master-Detail (travel approval)</td></tr>
</table>
</td>
</tr>
</table>

3.2 Activity & Screenshot





4. Trailhead Profile Public URL

V.Ramkumar V - https://trailblazer.me/id/vvramkumar

Elankathiravan S - https://trailblazer.me/id/elans11

LOGESHWARAN S - https://trailblazer.me/id/loges113

Naveen S - https://trailblazer.me/id/navem30

5 . ADVANTAGE

* User authentication
* Trip request form
* Automated approval process
* Travel policy compliance
* Travel itinerary
* Expense management

DISADVANTAGE

* Technical Issues
* Lack of Flexibility
* Privacy Concerns
* Dependency on Technology
* Resistance to Change
* Learning Curve

6 . APPLICATIONS

1. Employee profile management: Employees can create and manage their profiles, including personal information, passport details, and travel preferences.
2. Travel request submission: Employees can submit travel requests that include trip details such as destination, dates, and purpose.
3. Travel approval workflow: Managers can approve or reject travel requests based on their availability and budget.

7.CONCLUSION

Integrate the back-end and front-end of the application so that they work together seamlessly.

Test the application to ensure that it works as intended and is free of bugs or errors.

Deploy the application to a production environment and make it available to employees.

8. FUTURE SCOPE

Once you have a clear idea of what the application should do, you can begin designing the user interface. This will involve creating wireframes or mockups of the various screens and forms that users will interact with.

Once the application is developed, it's important to test it thoroughly to ensure that it works as expected and that there are no bugs or issues. This may involve both manual testing (where testers manually interact with the application) and automated testing (where tests are run automatically using specialized software).

Monitor and maintain the application: After deployment, it's important to monitor the application and address any issues that arise. You may also need to update the application periodically to address new requirements or to fix bugs

Deploy the application: Once the application has been tested and verified, it can be deployed to a production environment where it can be used by employees and managers.