



Sri Lanka Institute of Information Technology

B.Sc. Honors Degree in Information Technology

Specialized in Software Engineering

Year 3, Semester 2 (2021)

SE3050 – User Experience Engineering

Lab sheet 6

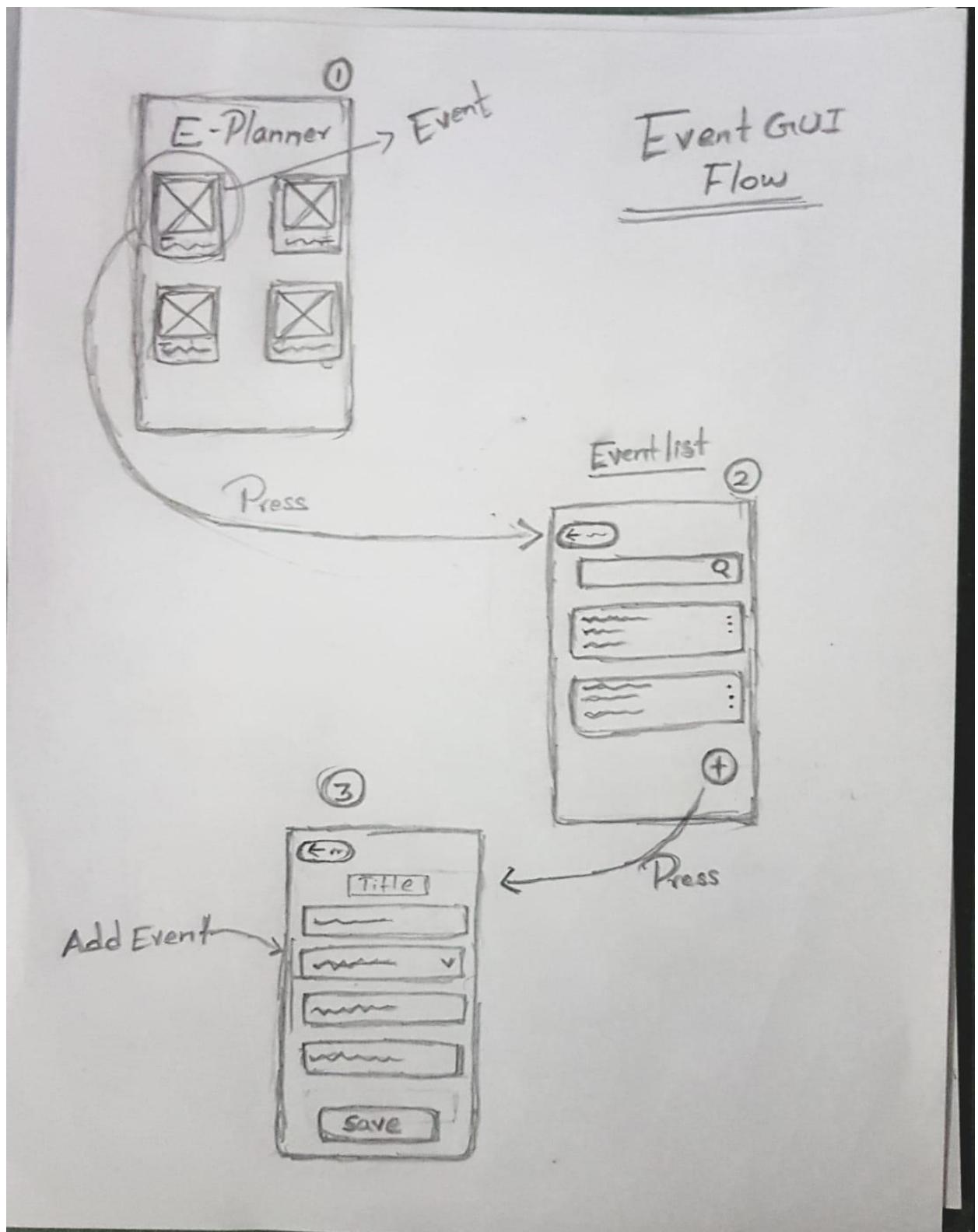
Group ID: 2021S2_REG_WE_11

Group Name: LYNX

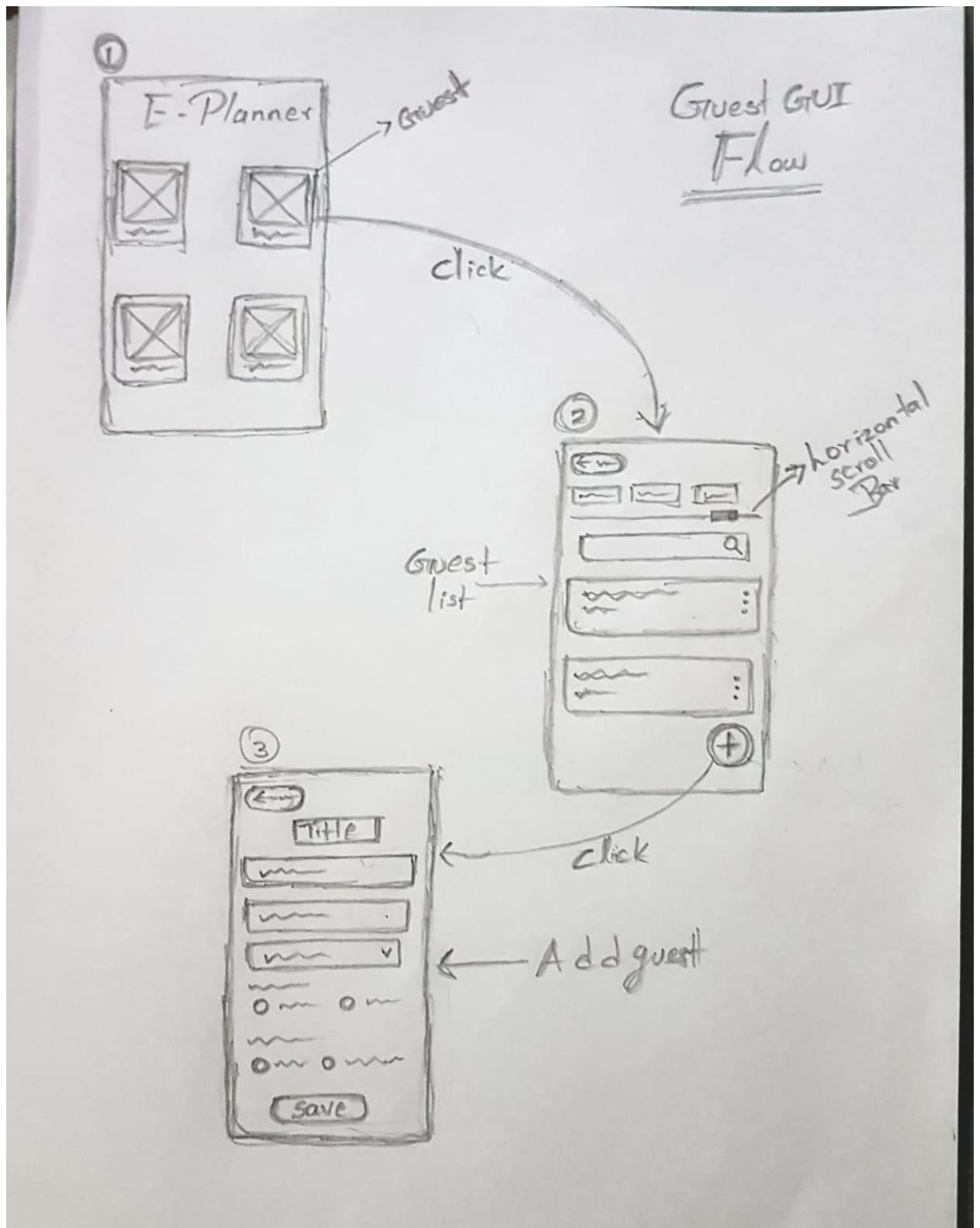
Student ID	Student Name
IT19128922	Sabesan .G
IT19056630	Segar A. J
IT19058788	Mathursan. B
IT19186948	V. Yahdhursheika

Sketching

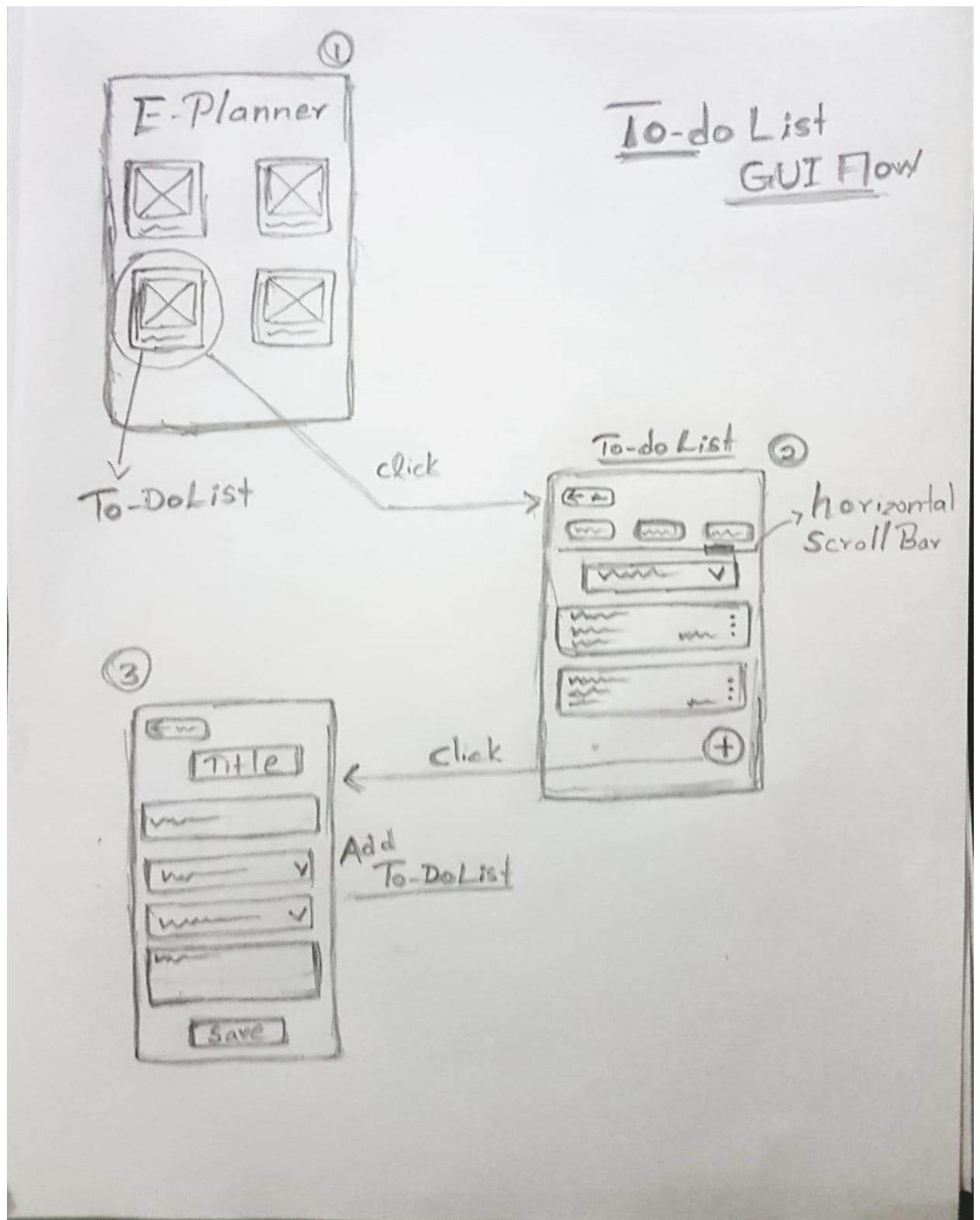
1) IT19056630 - Segar A.J – Event Management



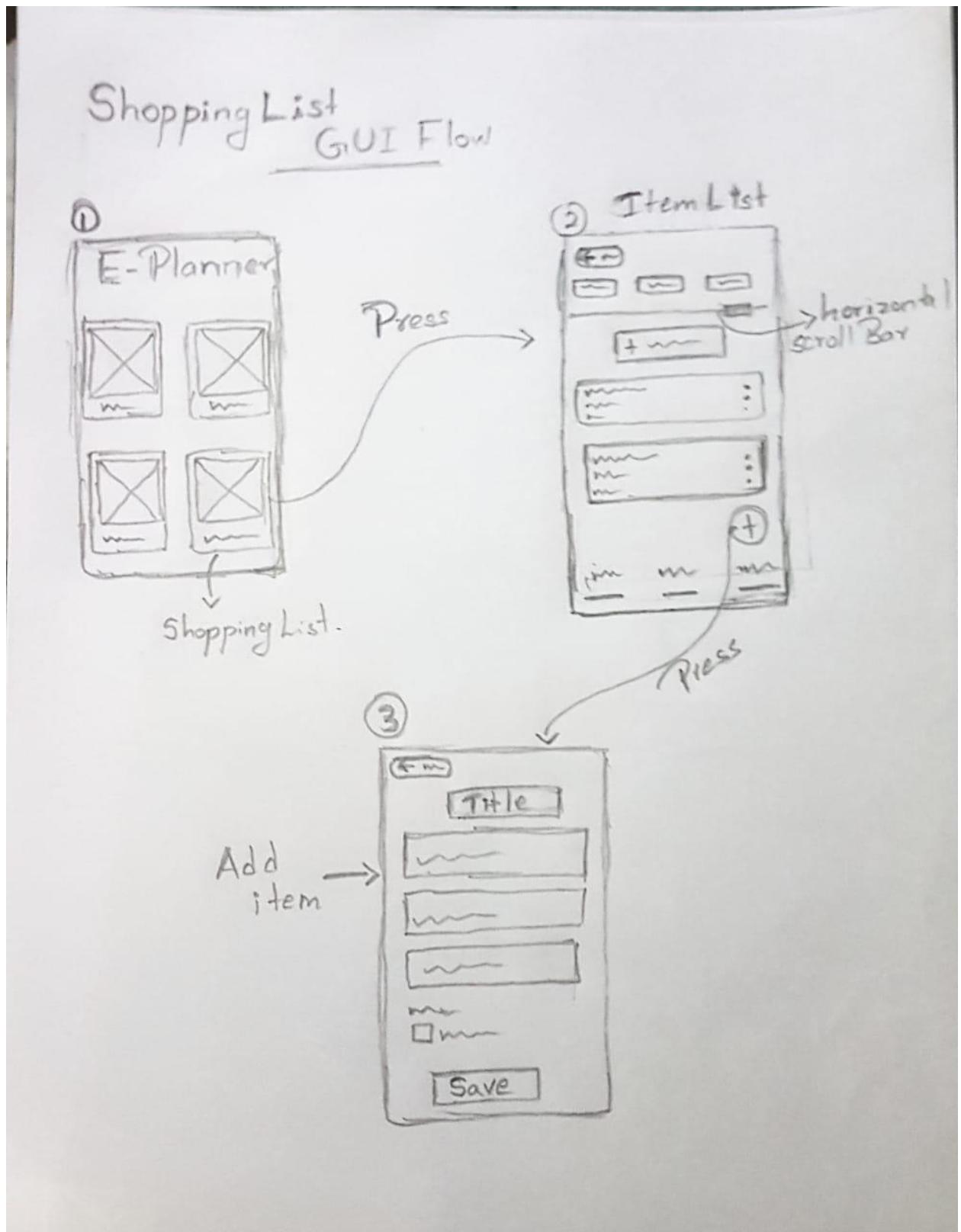
2) IT9129822 - Sabesan G. – Guest Management



3) IT19058788 - Mathursan B. – To Do List Management

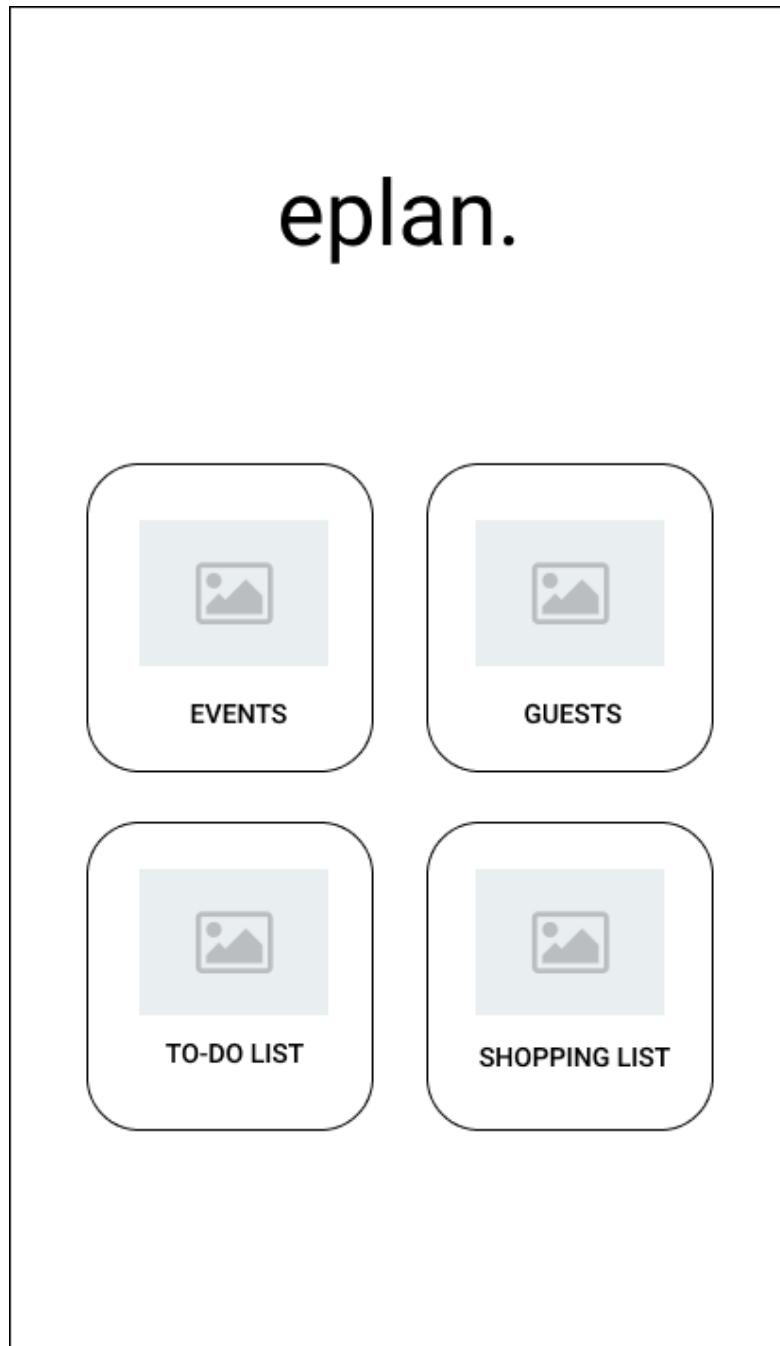


4) IT19186948 – V. Yahdhursheika – Shopping Items Management



Wireframes

- Main Menu



1) IT19056630 - Segar A.J – Event Management

← MENU

Search...

Event Name
Event Type
Date and Time

⋮

Event Name
Event Type

⋮

+ ⋮

Event List

← EVENTS

ADD EVENT

Event Name

Event Type

Event Venue

Event Date

Event Time

SAVE

Add Event

2) IT9129822 - Sabesan G. – Guest Management

← MENU

EVENT 1 **EVENT 2** **EVENT 3**

Search...

Guest Name ...
Status

Guest Name ...
Status

Guest Name ...
Status

Guest Name +
Status

Guest List

← GUESTS

ADD GUEST

Guest Name

Guest Age

Gender ▾

Guest Email

Food Preference

Non-veg Vegetarian

Status

Invited Attending

SAVE

Add Guest

3) IT19058788 - Mathursan B. – To Do List Management

← MENU

ALL STATUS PRIORITY

Completed ▾

To-do item ...
Status
Priority

To-do item ...
Status
Priority

To-do item ...
Status
Priority +

← TODOS

ADD TASK

Task Name

Priority ▾

Event Name ▾

Date

Time

Notes

SAVE

To Do List Add To Do Task

4) IT19186948 – V. Yahdhursheika – Shopping List Management

← MENU

EVENT 1 EVENT 2 EVENT 3

+ CREATE BUDGET

Purchase Item :

Status	
Total price of item	

Purchase Item :

Status	
Total price of item	

Purchase Item :

Status	
Total price of item	

Purchase Item +

Status	
Total price of item	

TOTAL SPENT REMAINING

Shopping Item List

← SHOPPING LIST

ADD SHOPPING ITEM

Item Name

Item Quantity

Price per quantity

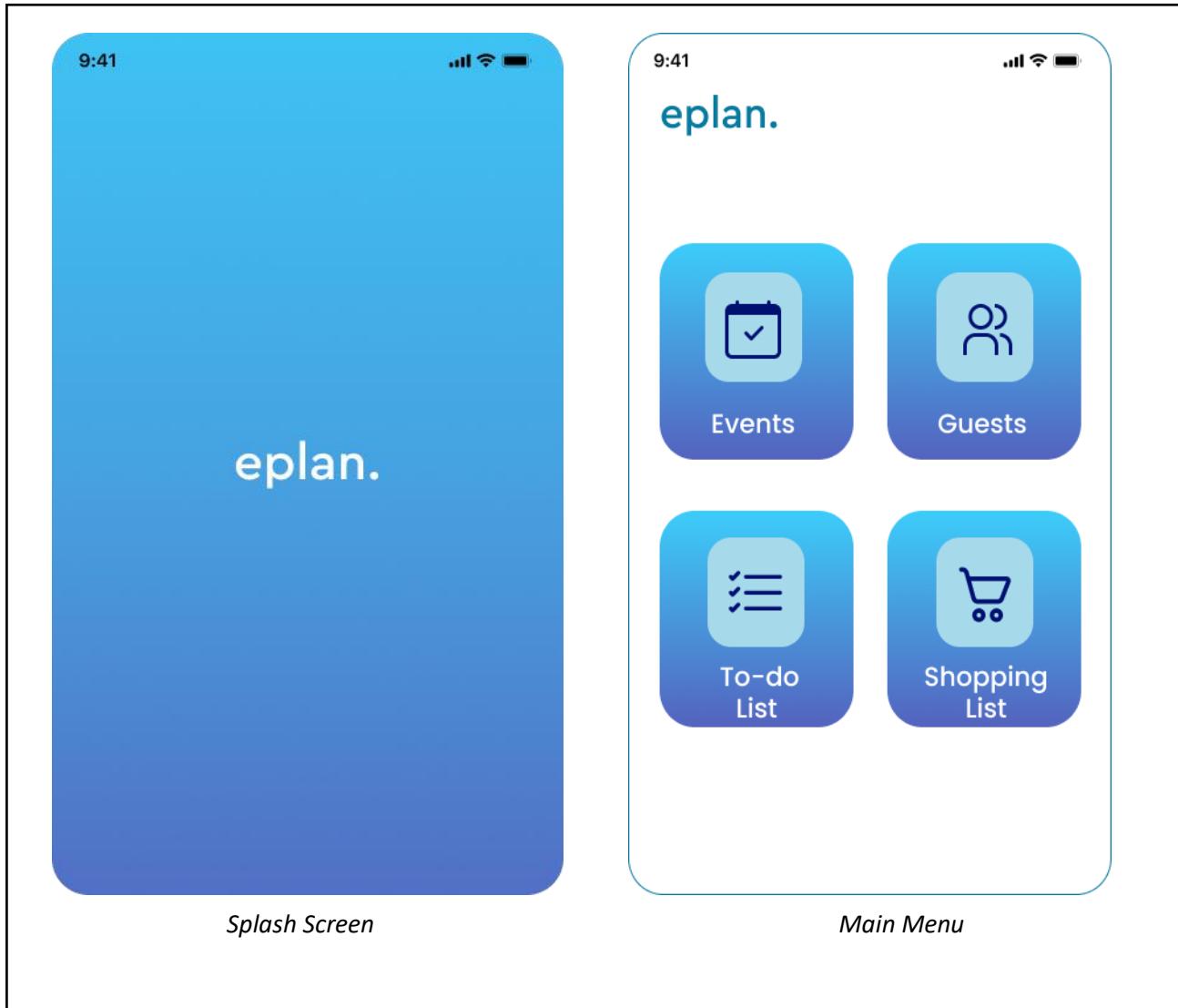
Status

Purchased

SAVE

Add Shopping Item

Prototype – Version 1



1) IT19056630 – Segar A.J – Event Management

← MENU

 Search what you want

Teecho
Batch party
03.08.2021
18:00 

Mary's 21st
Birthday
21.08.2021
19:00 

Peter's special day
Wedding
22.08.2021
17:00 

Jane's 1st
Birthday
02.09.2021
16:00 

← EVENTS

ADD EVENT

Event Name

Event Type 

Event Venue

Event Date

Event Time

SAVE

Event List

Add Event

2) IT9129822 - Sabesan G. – Guest Management

← MENU

EVENT 1 EVENT 2 EVENT 3

Search what you want

Pradeep Kumar
Attending :

Vikatan Savi
Invited :

Vinod Silva
Attending :

Mathar Perera
Attending 

← GUESTS

ADD GUEST

Guest Name

Guest Age

Gender

Guest Email

Food Preference

Non-veg Vegetarian

Status

Invited Attending

SAVE

Guest List

Add Guest

3) IT19058788 – Mathursan B.

← MENU

ALL STATUS PRIORITY

Completed ▾

Buy food
Completed High

Decorate
Incomplete Low

Buy juice bottles
Completed Medium

Buy paper plates
Incomplete



To Do List

← TODOS

ADD TASK

Task Name

Priority

Event Name

Date

Time

Notes

SAVE

Add To Do Task

4) IT19186948 – V. Yahdhursheika – Shopping Items Management

The image displays two screens of a mobile application for managing shopping items and budgets.

Left Screen: Shopping Item List and Budget

- Header:** ← MENU, EVENT 1, EVENT 2, EVENT 3
- Buttons:** + CREATE BUDGET
- Items:**
 - Fruits
Purchased
Rs 1000.00
 - Floor
Pending
Rs 700.00
 - Paper Plates
Purchased
Rs 400.00
 - Sauce Bottle
Purchased
Rs 450.00
- Total Budget Summary:**

TOTAL	SPENT	REMAINING
Rs 10000.00	Rs 1850.00	Rs 8150.00

Right Screen: Add Shopping Item

- Header:** ← SHOPPING LIST
- Title:** ADD SHOPPING ITEM
- Fields:**
 - Item Name
 - Item Quantity
 - Price per quantity
- Status:** Status
 Purchased
- Buttons:** SAVE

Shopping Item List and Budget

Add Shopping Item

Prototype - Version 2

1) IT19056630 – Segar A.J – Event Management

The prototype consists of two main screens: 'Event List' and 'Add Event'.

Event List Screen:

- Header: Back arrow icon.
- Search bar: 'Search what you want' with a magnifying glass icon.
- Event cards (4 items):
 - Teecho**
Batch party
03.08.2021
18:00
 - Mary's 21st**
Birthday
21.08.2021
19:00
 - Peter's special day**
Wedding
22.08.2021
17:00
 - Jane's 1st**
Birthday
02.09.2021
16:00
- Bottom right: A large blue circular button with a white plus sign (+).

Add Event Screen:

- Header: Back arrow icon.
- Title: **ADD EVENT**
- Form fields:
 - Event Name
 - Event Type (dropdown menu)
 - Event Venue
 - Event Date
 - Event Time
 - Event Budget
- Bottom right: **SAVE** button.

Event List *Add Event*

2) IT9129822 – Sabesan G.

←

EVENT 1 EVENT 2 EVENT 3

 Search what you want

Pradeep Kumar
Attending ::

Vikatan Savi
Invited ::

Vinoth Silva
Attending ::

Mathar Perera
Attending ::

+

←

ADD GUEST

Guest Name

Guest Age

Gender ▾

Guest Email

Food Preference

Non-veg Vegetarian

Status

Invited Attending

SAVE

Guset List Add Guest

3) IT19058788 – Mathursan B.

To Do List

The To Do List screen displays a list of four tasks:

- Buy food (Completed, High Priority)
- Decorate (Incomplete, Low Priority)
- Buy juice bottles (Completed, Medium Priority)
- Buy paper plates (Incomplete, Priority)

At the bottom of the list is a blue circular button with a white plus sign (+).

Add To Do Task

The Add To Do Task screen contains the following fields:

- Task Name
- Priority
- Event Name
- Date
- Time
- Notes

At the bottom is a large blue button labeled "SAVE".

4) IT19186948 – V. Yahdhursheika – Shopping Management

EVENT 1 **EVENT 2** **EVENT 3**

Fruits Purchased Rs 1000.00	⋮
Floor Pending Rs 700.00	⋮
Paper Plates Purchased Rs 400.00	⋮
Sauce Bottle Purchased Rs 450.00	⋮

TOTAL **SPENT** **REMAINING**
Rs 10000.00 Rs 1850.00 Rs 8150.00

+

ADD SHOPPING ITEM

Item Name

Item Quantity

Price per quantity

Status

Purchased

SAVE

Shopping Item List *Add Shopping Item*

User Feedback for Prototype

- **Interview Script**

Hello Mathura,

Good Afternoon

I would like to thank you for making time for this interview.

In this interview we will be performing the usability testing to hear out your thoughts on the redesigned model of our App.

So we will run through the flow of the UI prototype that we have made for our new design.

I would like you to think aloud while going through the flows of the app and speak out your thoughts on it.

Feel free to give your suggestions as well So we can look out for further improvements, and. If you feel confused somewhere in between the flow of the app, feel free to let us know.

Is there anything you would like to ask before we get going?

Ok fine, Shall we start then?

Questions were asked from the respondent and the feedbacks were recorded

Now I will be walking you through the prototype that we have designed.

Starting from the splash screen and moving on to the main menu where all the options are displayed (events, to-do list, guests, shopping list)

I'll be explaining the flow of the all the functions and feel free to give whatever opinion you may have.

Task 1: Events

Showing the respondent the event list GUI

Earlier, the Event planner app only displayed the title of the event and it wasn't very descriptive.

Now we've designed it so that it also contains the type of the event, time, and also the date along with the event title.

A search field has also been designed to help the users filter out the events that they want.

In the last interview you suggested that an easier way to identify the edit and delete options would be more efficient and we have tried to solve that also in this prototype. What are your thoughts on this?

Showing the respondent the add event form GUI

During the last interview you suggested that the proper validations should be given for the date and time and we have tried to solve that

by giving separate input fields for the date and time. We've also included the type of event in the form. What's your opinion on this GUI.

Task 2: Guests

Showing the respondent the guest list GUI

During the last interview, you suggested that it would be better if the guests could be displayed based on the events and

this GUI tries to solve that problem and in addition to that we're displaying the status of the guest(attending or invited)

what are your thoughts on this?

Showing the respondent the add guest form GUI

The status and the food preference fields have been updated in our design and we have made those radio button fields to make it more user friendly.

The age field in the original app only gave options such as child, adult etc. and the exact age could not be given. According to our prototype the age

field accepts numeric values therefore the exact age could be recorded. What are your thoughts on this?

Task 3: Todos

Showing the respondent the todo list GUI

During the last interview, you suggested that it would be better if the to-do items could be displayed based on the events and

this GUI tries to solve that problem not only by filtering out the to-do items based on the events but also allows the user to filter out the to do items

based on the priority as well as the status. This prototype also displays the status of the to-do items(completed or incomplete), priority level along with the to-do title. What are your thoughts on this GUI?

Showing the respondent the add to-do form GUI

The priority level field, the event field to which the to-do belongs to and the deadline (date & time) have been added to this form in order to make it more descriptive and simpler to understand.

Task 4: Shopping List

Showing the respondent the shopping list GUI

During the last interview, you suggested that it would be better if the shopping items could be displayed based on the events and

this GUI tries to solve that problem by allowing the user to select a particular event and then it filters out the to-do items based on the events.

This prototype also displays the status of the shopping items(purchased or pending) along with the shopping title. The total budget, total money spent and the remaining money will be displayed based on the event.

What are your thoughts on this GUI?

Showing the respondent the add shopping item form GUI

We have designed this GUI by giving a simple and detailed form so that it's more user friendly. The quantity field was a bit hard to understand in the original app and we've tried to reduce the complexity through this design.

When the quantity and the price per unit is entered it will automatically generate the total cost for that product.

What are your thoughts on this GUI?

Thank you for that. Is there anything you would like to add before we finish up?

Great! Thank you again for taking the time out of your busy schedule to take part in this study with us.

Your feedbacks will be extremely useful for us.

Goodbye

Questions were asked from the respondent and the feedbacks were recorded

Thank you for that. Is there anything you would like to add before we finish up?

Great! Thank you again for taking the time out of your busy schedule to take part in this study with us.

Your feedbacks will be extremely useful for us.

Goodbye

- **Interview Video Link**

<https://web.microsoftstream.com/video/5b9cc06a-413e-4817-a814-981bcb885a69>

- **Changes requested by the interview respondent**

- Increase the size of the notes input field in the add task form because there might accept a really long text.
- The create budget button should be removed from the shopping list page and should be included as an input field in the add event form.

- **Changes made after the interview**

- Increased the size of the notes input field as suggested.
- The budget was added as an input field in the add event form as suggested.
- The option to go back was labelled earlier and now the label is removed to make the UI look simple.
- The add button has been aligned to the bottom and doesn't overflow with the content.