



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

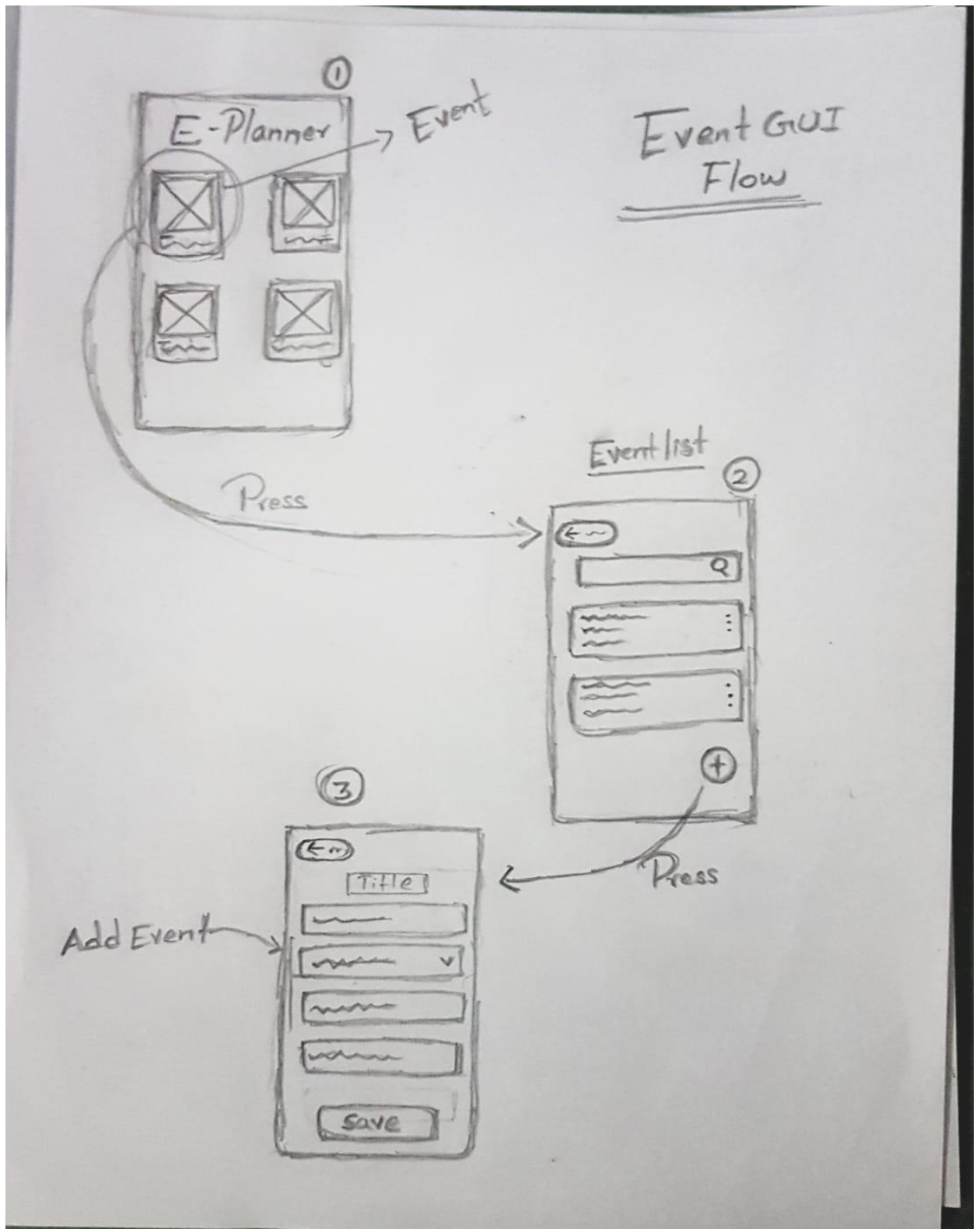
Group ID: 2021S2_REG_WE_11

Group Name: LYNX

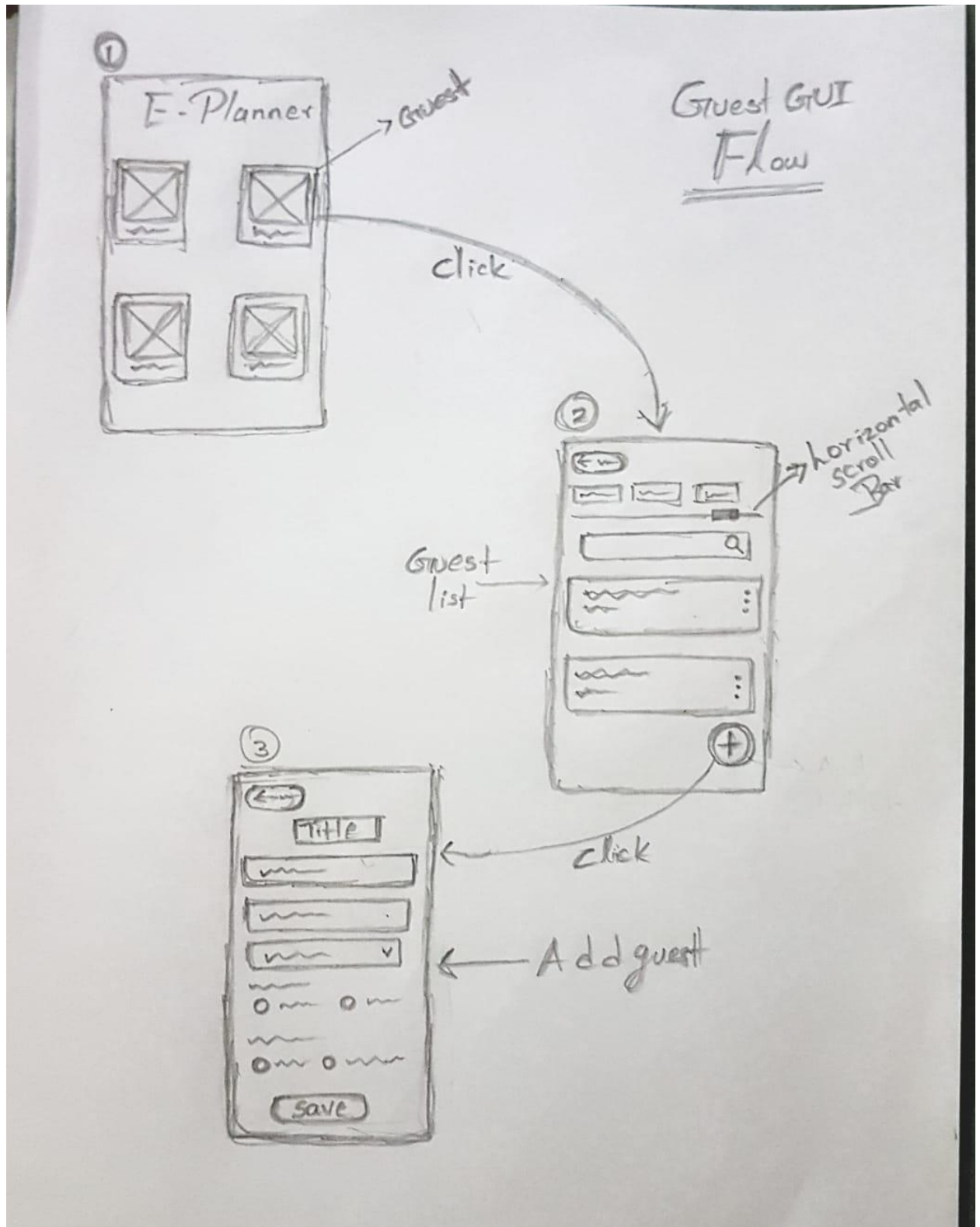
Student ID	Student Name
IT19128922	Sabesan .G
IT19056630	Segar A. J
IT19058788	Mathursan. B
IT19186948	V. Yahdhursheika

Sketching

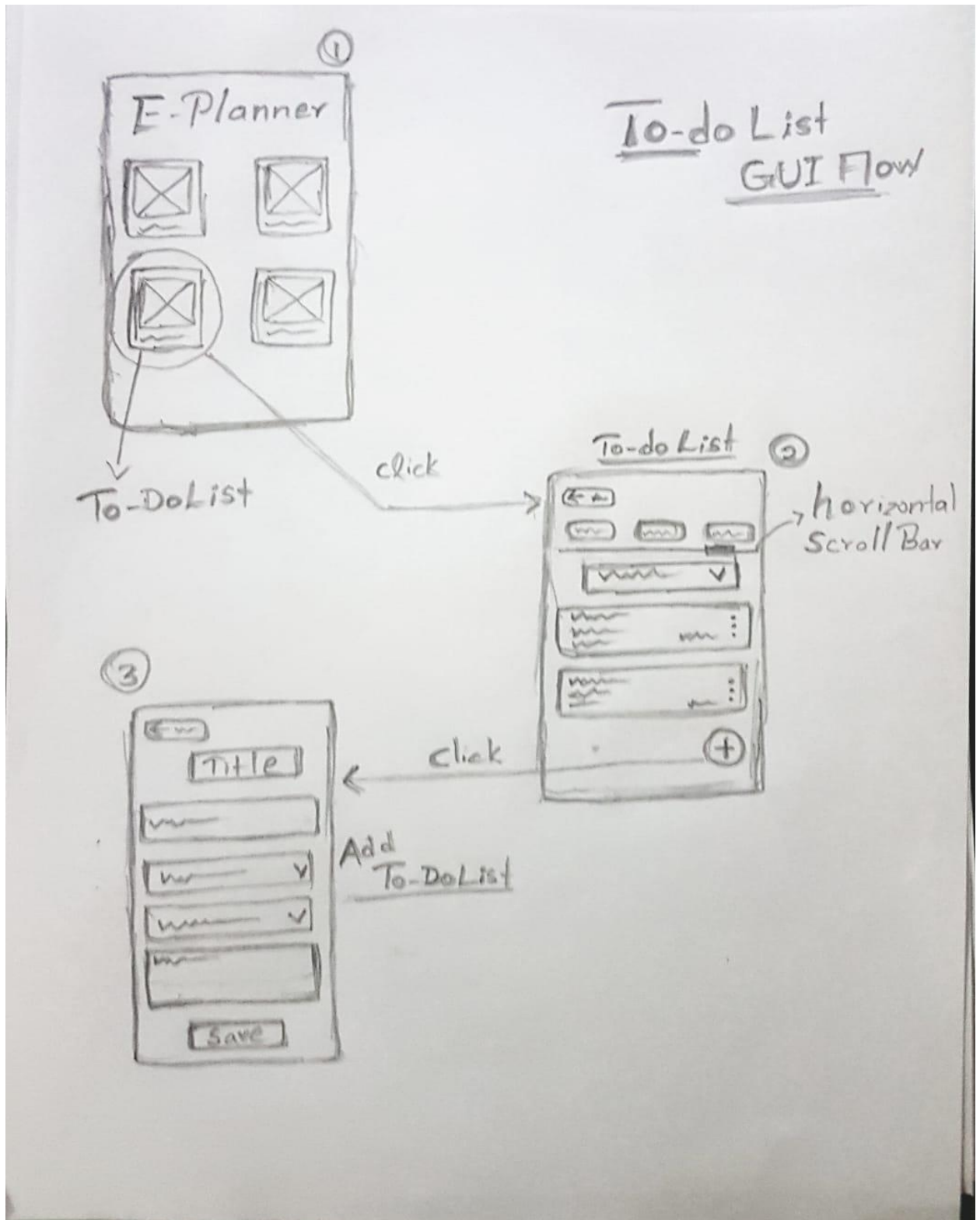
1) IT19056630 - Segar A.J – Event Management



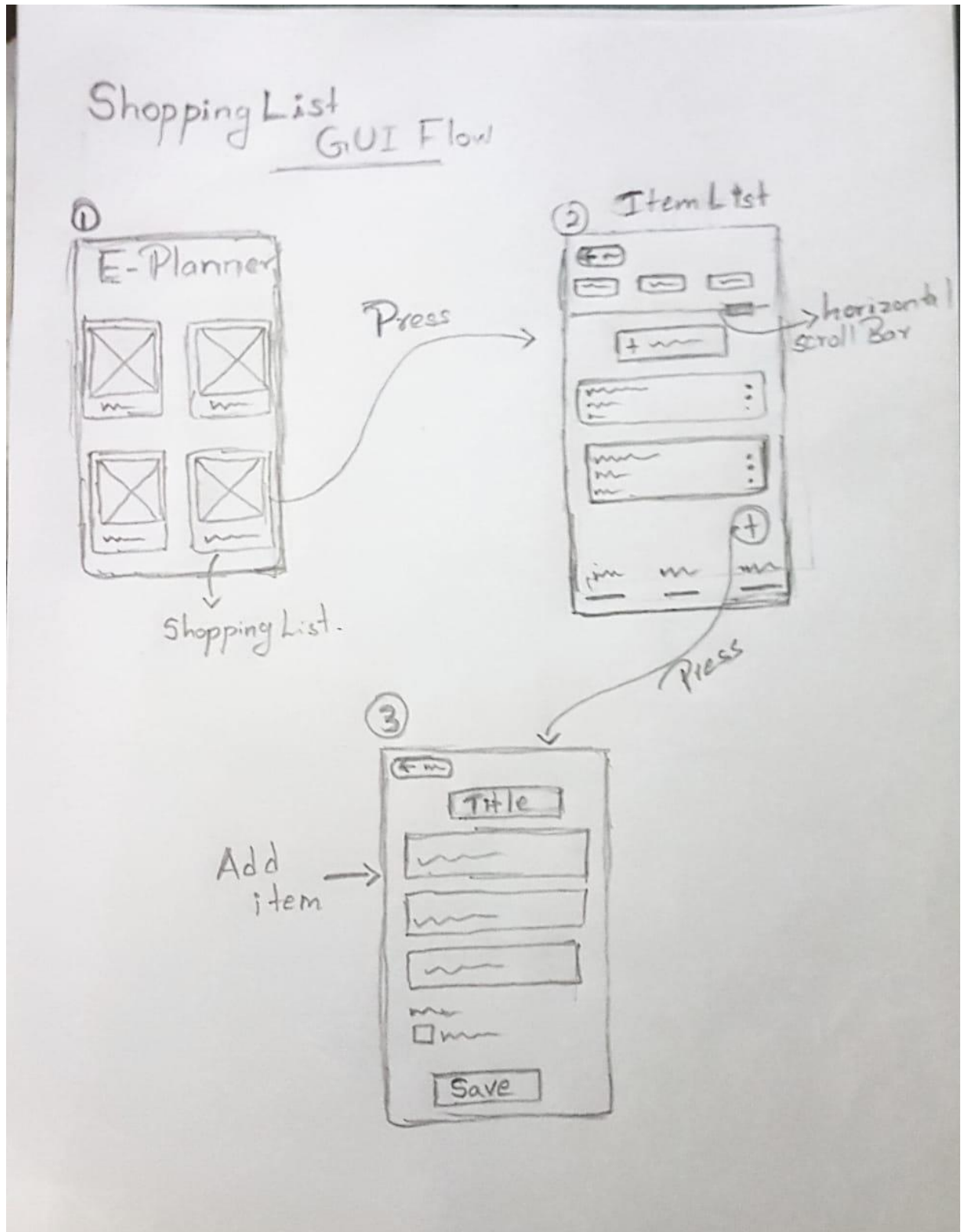
2) IT9129822 - Sabesan G. – Guest Management



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

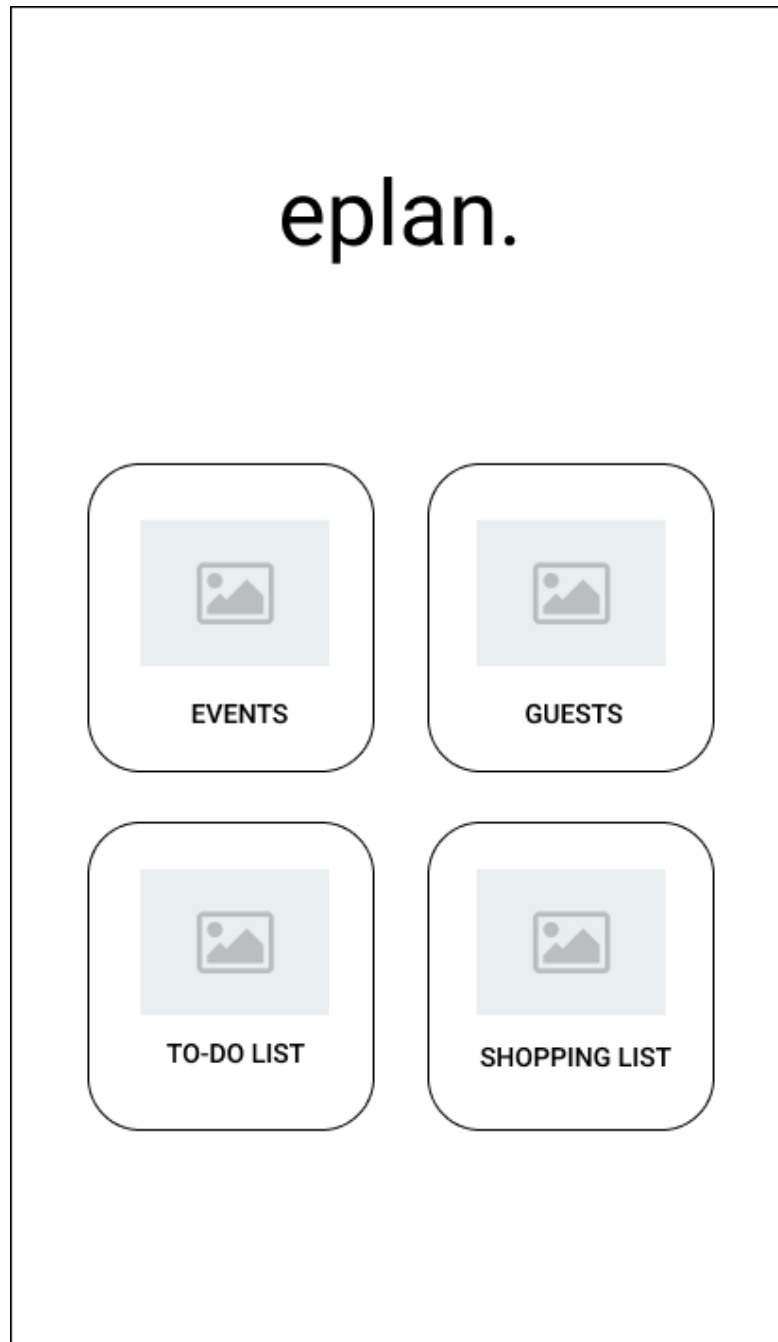


4) IT19186948 – V. Yahdhursheika – Shopping Items Management



Wireframes

- Main Menu



1) IT19056630 - Segar A.J – Event Management

← MENU

Search...

Event Name

Event Type

Date and Time

⋮

Event Name

Event Type

Date and Time

⋮

Event Name

Event Type

Date and Time

⋮

Event Name

Event Type

Date and Time

⋮

Event Name

Event Type

Date and Time

⋮

Event Name

Event Type

Date and Time

⋮

+

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 1EVENT 2EVENT 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

<div data-bbox="201 420 354 485">← MENU</div> <div data-bbox="201 527 354 594">ALL</div> <div data-bbox="397 527 552 594">STATUS</div> <div data-bbox="597 527 750 594">PRIORITY</div> <div data-bbox="209 653 769 745">Completed ▾</div> <div data-bbox="204 804 776 959"><div>To-do item</div><div>Status</div><div>Priority</div><div>⋮</div></div> <div data-bbox="204 1003 776 1161"><div>To-do item</div><div>Status</div><div>Priority</div><div>⋮</div></div> <div data-bbox="204 1205 776 1362"><div>To-do item</div><div>Status</div><div>Priority</div><div>⋮</div><div data-bbox="678 1304 760 1381">+</div></div>

To Do List

4) IT19186948 – V. Yahdhursheika – Shopping List Management

← MENU

EVENT 1EVENT 2EVENT 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

TOTALSPENTREMAINING

Shopping Item List

← SHOPPING LIST

ADD SHOPPING ITEM

Item Name

Item Quantity

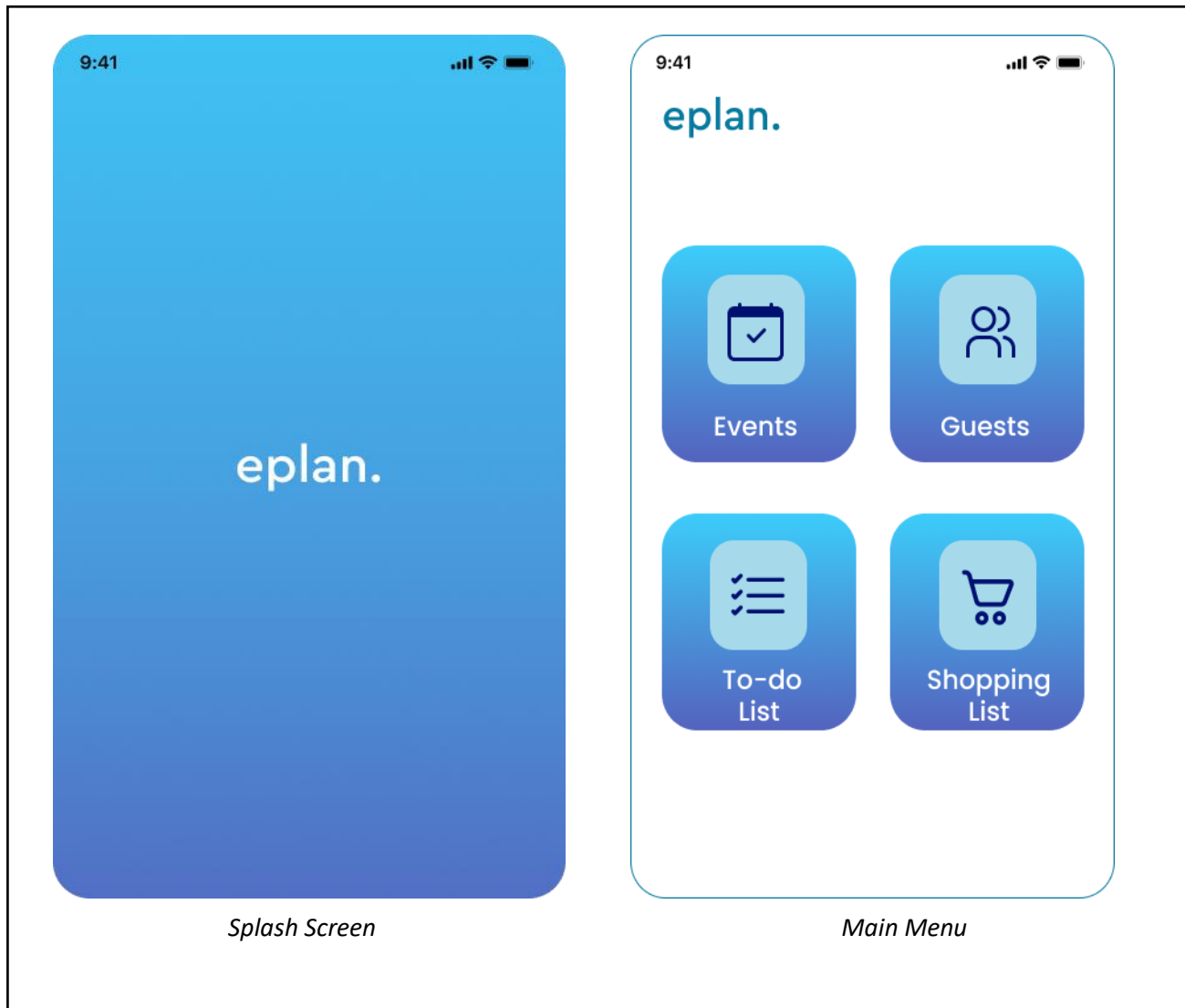
Price per quantity

Status
☐ Purchased

SAVE

Add Shopping Item

Prototype – Version 1



1) IT19056630 – Segar A.J – Event Management

← MENU

Q

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

+

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 1EVENT 2EVENT 3

Q

Search what you want

Pradeep Kumar

Attending

⋮

Vikatan Savi

Invited

⋮

Vinoth Silva

Attending

⋮

Mathar Perera

Attending

+

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.

← MENU

ALLSTATUSPRIORITY

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

← MENU

EVENT 1EVENT 2EVENT 3

+ CREATE BUDGET

Fruits

Purchased

Rs 1000.00

⋮

Floor

Pending

Rs 700.00

⋮

Paper Plates

Purchased

Rs 400.00

⋮

Sauce Bottle

Purchased

Rs 450.00

⋮

+

TOTAL

Rs 10000.00

SPENT

Rs 1850.00

REMAINING

Rs 8150.00

Shopping Item List and Budget

← SHOPPING LIST

ADD SHOPPING ITEM

Item Name

Item Quantity

Price per quantity

Status


☐ Purchased

SAVE

Add Shopping Item

Prototype - Version 2

1) IT19056630 – Segar A.J – Event Management



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


⋮



Event List



ADD EVENT



SAVE

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

Guest List

ADD GUEST

Guest Name

Guest Age

Gender

Guest Email

Food Preference

☐ Non-veg

☒ Vegetarian

Status


☐ Invited

☒ Attending

SAVE

Add Guest

3) IT19058788 – Mathursan B.



ALL

STATUS

PRIORITY

Completed

▼

Buy food

Completed

High

⋮

Decorate

Incomplete

Low

⋮

Buy juice bottles

Completed

Medium


⋮

Buy paper plates


Incomplete

Priority

⋮



To Do List



ADD TASK

Task Name

Priority

▼

Event Name

▼

Date

Time

Notes

SAVE

Add To Do Task

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

Rs 10000.00

SPENT

Rs 1850.00

REMAINING

Rs 8150.00

Shopping Item List

ADD SHOPPING ITEM

Item Name

Item Quantity

Price per quantity

Status

☐ Purchased

SAVE

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.