

Meeting minutes

Date: 18.11.2021

Time: 10:00 AM - 12:30 PM

Location: room 51.103

Participants:

1. Abu Sadat Soyam
2. Anwar Al-Dhify
3. Hasib Iqbal
4. Ziad Khaled

Tasks:

Review the pitch feedback from other class members
Finalize the app features and functional and non functional requirements
Start prototyping the UI and what is needed for the backend
Discuss next meeting goals

Notes:

- Feedback about EasyWG pitch
 - Notification system
 - Do we support multiple WG and how they will be administered
 - Is the only moderation by the person who firstly registers the WG?
 - Managing if someone leaves the WG permanently or temporally, and if someone sublets his room.
 - Who will do the tasks if this person is leaving temporally, and will he also be billed for WG expenses?
 - If someone is subletting his room, how to show this relationship in the app and who will do the work and pay the bills?
 - Having a way to manually split the fees, sometime a person leaves the WG early on. How we could handle that? Will he pay part of the yearly fees or just for the months he was staying? The same could be said about if someone joins late.
 - We think we can give manual control and at the beginning we would implement the fees dividing as a monthly basis operation and later on we can tweak it.
 - Integrate the monthly and yearly fees not just the monthly fees
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ToDo:

- Start the database scheme design
- Check docker
- Start learning the missing technologies and frameworks
- Start Mock UI and mock sql queries

features:

Registration of New User | Login
Email Verification

Create A WG Code | Join WG using Code [Multiple WG is possible]
Remove a person needs the approval of one member alongside the admin

Add New Category to share the cost among members [**Needs Approval of other members**]
From Existing Category, members can add the cost they have spent individually. Input variables are:

- Product Category
- Quantity
- Price
- Upload Receipt
- Time [Automatically]

At the end of the month, WG member can settle the shared expenses.

To add a member as sublet, We can use a active/inactive field in database. Before adding sublet member

- Settle expenses
- Deactivate Member (that will automatically release the room)
- Add new member & assign room
- IT will function as regular

We can add yearly or any duration cost but automatically, the cost will be divided into months and will add only at the beginning of the month.

Table 1: User table

WG_Member_ID	Name	Email	Password	Mobile No

Table 2: WG details (Main table)

WG_Code	WG_Name	Room_No	Member_Name	Active	Admin	Member
				Yes	Yes	No
WG_Member_ID	Time	Product_Name	Product_Category	QTY	Price	Upload Receipt

Table 4:

WG_Member_ID	Name	Expense	
1	A	12-7=5	

WGs

1/XYZR-worm4/Happy House/5

2/fgfg/sad house/2

1/XYZR-worm4/Happy House/5/Ziad
1/XYZR-worm4/Happy House/5/Hassib
1/XYZR-worm4/Happy House/5/Anwar

WG members:
WG_ID/ Member_ID