

## SWIFT NOTES DOCUMENTATION STEPS (ALGORITHMS)

### A. BACKEND:

1. Setting up the database (Creating tables)
  - a. users table
    - i. id
    - ii. name
    - iii. email
    - iv. password
    - v. created\_at
    - vi. updated\_at
  - b. teams table
    - i. id
    - ii. name
    - iii. invite code (unique)  
created\_at
    - iv. created\_by (FK: users.id)-track which of the users created a particular team
  - c. teams members table (Pivot table: many-to-many)
    - i. id
    - ii. team\_id (FK: teams.id)-connect different teams members to teams table
    - iii. user\_id (FK: users.id) connect different users to different teams
    - iv. role (owner/member of a team)
    - v. joined\_at
  - d. notes table
    - i. id
    - ii. title
    - iii. content
    - iv. team\_id (FK: teams.id)-which team creates a note
    - v. created\_by (FK: users.id)-which users created a note
    - vi. created\_at
    - vii. updated\_at
  - e. session table
    - i. id
    - ii. user\_id
    - iii. note\_id
    - iv. active\_at
2. End points/Auth API
  - a. POST API/auth.signup
  - b. POST API/auth.login
  - c. POST API for teams
  - d. POST API to join through invites codes
  - e. CRUD operation API
  - f. Real time updates API

## B. FRONT ENDS (Wireframe)

### 1. Welcome page with register and login

① user sign up or login

② SKIFT NOTES

Sign up

Name : [      ]

Email : [      ]

password : [      ]

Confirm password : [      ]

Sign up Button

Already have an account?

Login Button

② SKIFT NOTES

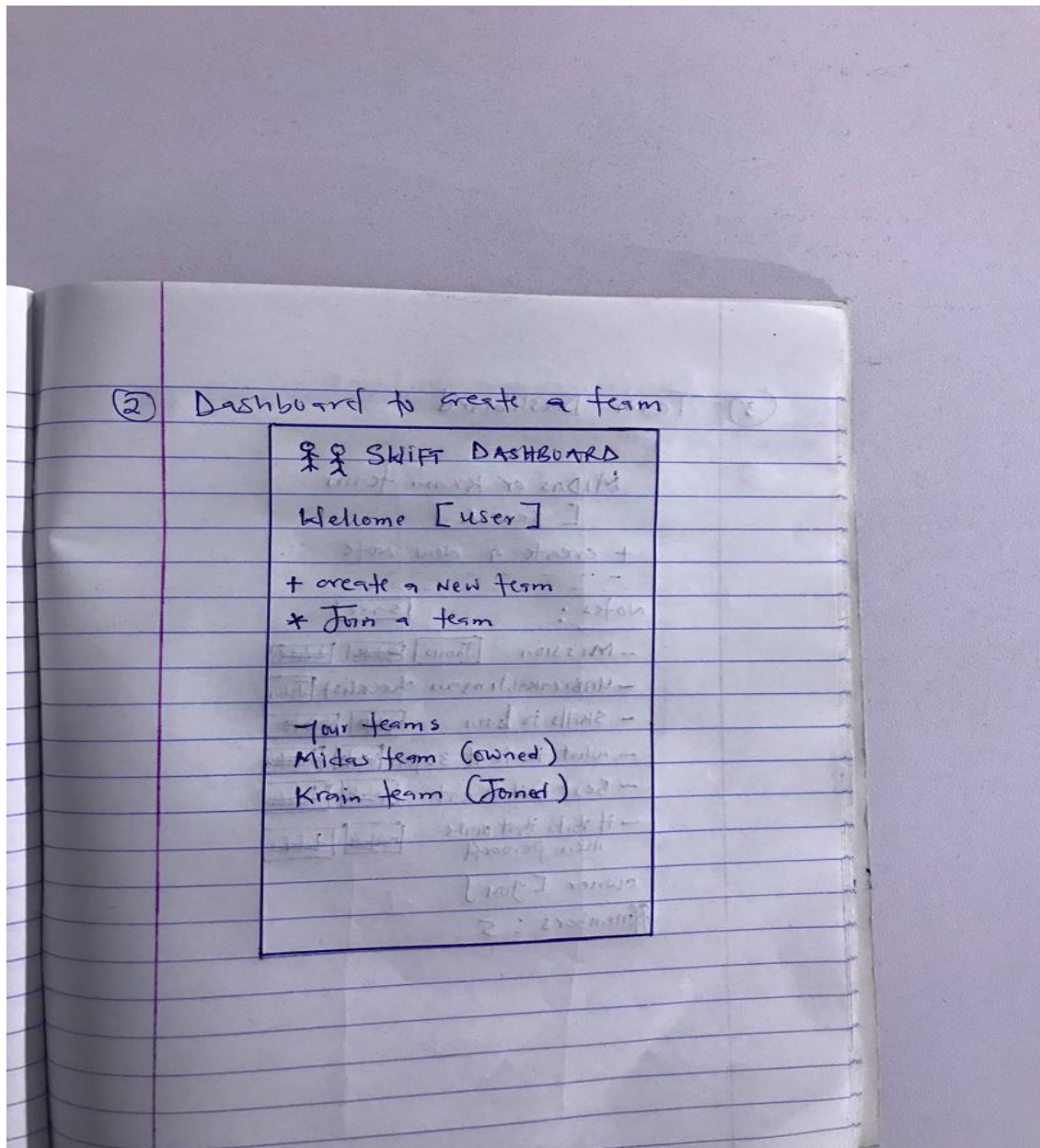
Login

Email : [      ]

password : [      ]

Login Button

## 2. Dashboard to create a team



### 3. Teams dashboard

#### ③ Team Dashboard of broadland

Midas or Kram team		
[ search ]		
+ create a new note		
Notes :		
- Mission	James	<del>edit</del> <del>delete</del>
- Unbreakable man checklist	John	
- Skills to learn		<del>edit</del> <del>delete</del>
- What to do at 30 years		<del>edit</del> <del>delete</del>
- Best food to eat		<del>edit</del> <del>delete</del>
- Habits that make men powerful		<del>edit</del> <del>delete</del>
owner [you]		
members : 5		



4. Team members can update and deletes its notes and owner of the team can deletes

