

How to Use this Template

1. Create a new document, and copy and paste the text from this template into your new document [Select All → Copy → Paste into new document]
2. Name your document file: “**Capstone_Stage1**”
3. Replace the text in green

[Description](#)

[Intended User](#)

[Features](#)

[User Interface Mocks](#)

[Screen 1](#)

[Screen 2](#)

[Key Considerations](#)

[How will your app handle data persistence?](#)

[Describe any corner cases in the UX.](#)

[Describe any libraries you'll be using and share your reasoning for including them.](#)

[Describe how you will implement Google Play Services.](#)

[Next Steps: Required Tasks](#)

[Task 1: Project Setup](#)

[Task 2: Implement UI for Each Activity and Fragment](#)

[Task 3: Your Next Task](#)

[Task 4: Your Next Task](#)

[Task 5: Your Next Task](#)

GitHub Username: <https://github.com/engy-eleraky>

Moments-App for couples.

Description

Make every moment complete with Moments ,Moments keeps all your special moments saved privately in one place and feels free to message your lovely partner.express yourself with photos ,audio and emojis.

Note:

Optional features of this app to be implementing of i have time is :
share your mode and lovely moments in timeline,enjoy time with your partner drawing in live sketch and live edit in your photos,and a calendar to get automated notifications of birthdays,anniversaries and other important events.

Intended User

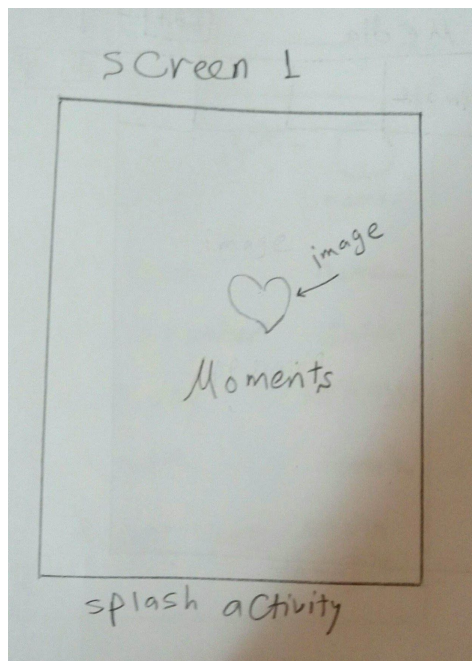
Couples.

Features

- Private messages
- Timeline
- Calendar
- Live sketch
- Live edit

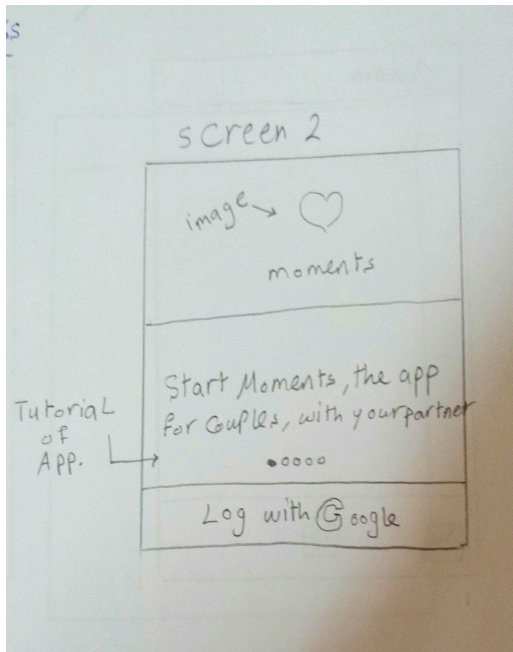
User Interface Mocks

Screen 1



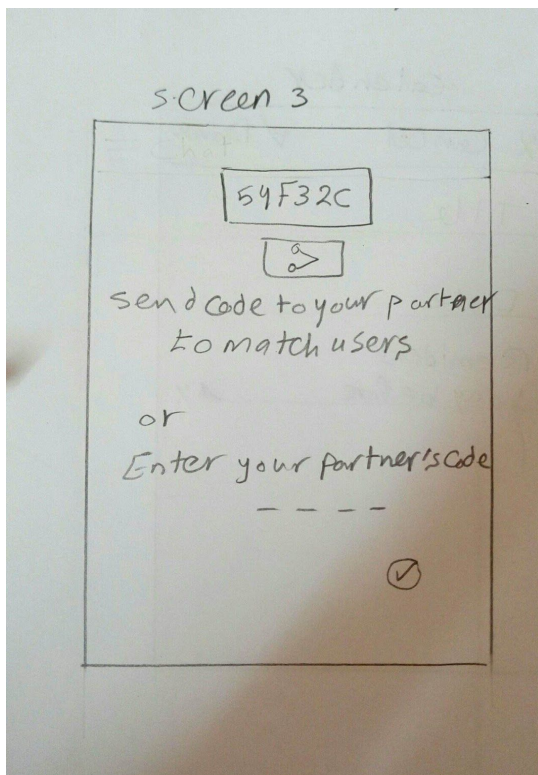
Splash activity before starting app content.

Screen 2



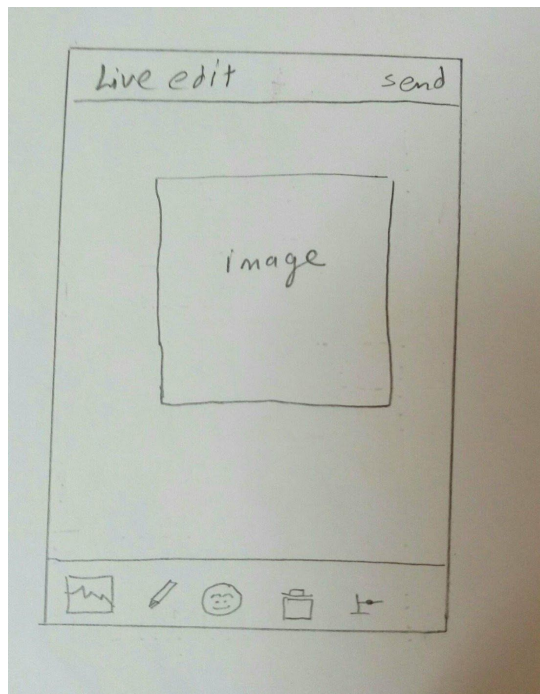
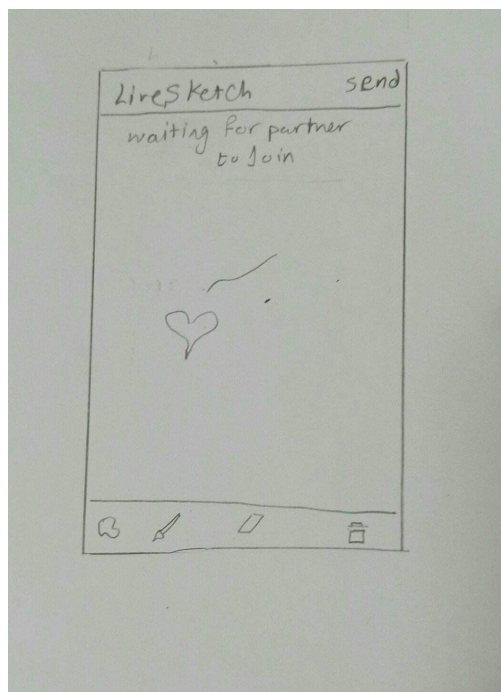
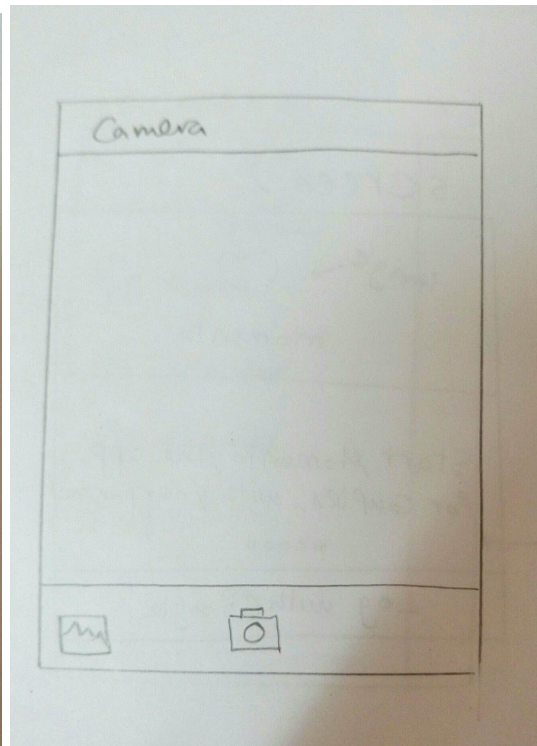
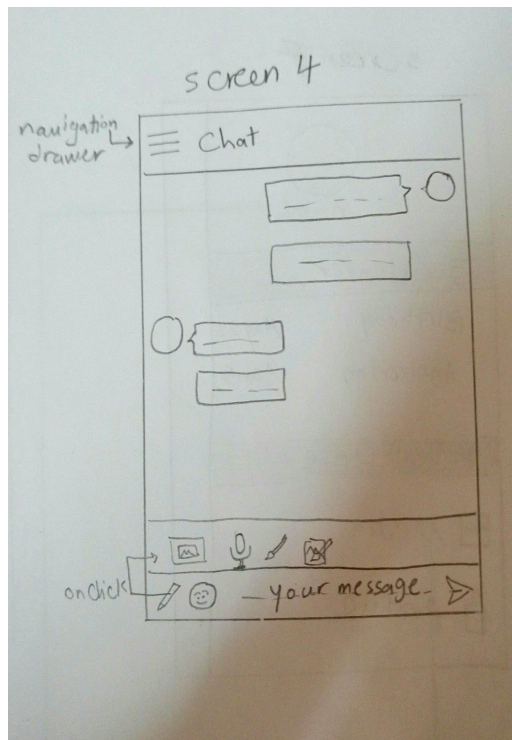
Login screen and a tutorial shows the features of the app.

Screen 3



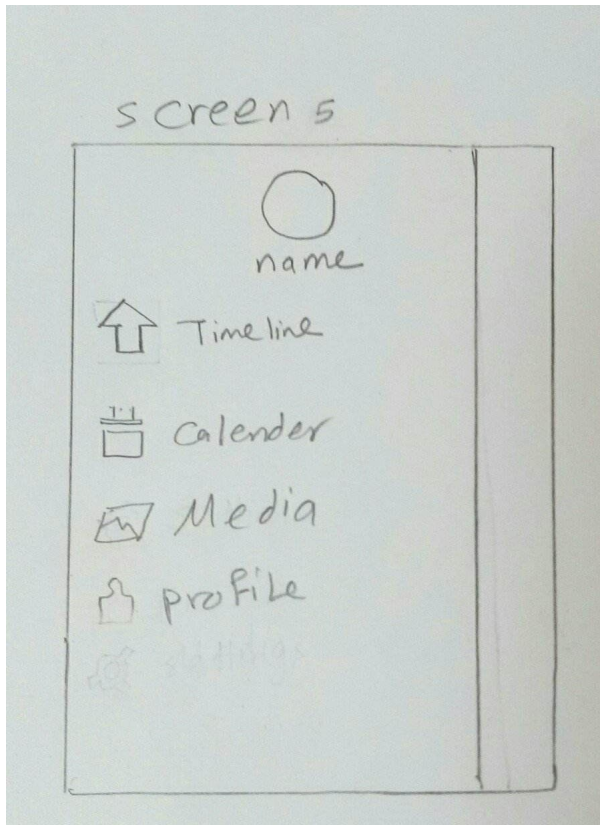
Shows a generating code to match the users and creating a private id for them. The user can send the code or enter the partner's code.

Screen 4



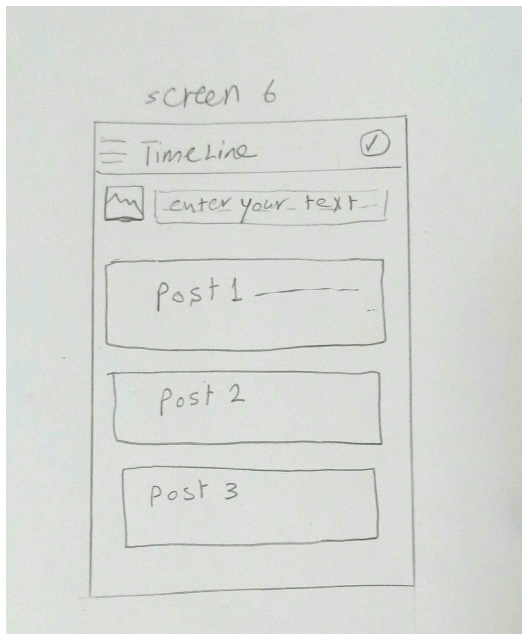
Chat for couples to send privately messages, the edit button pops up and shows list of features to serve their messaging such as camera to share photos, record audio, live sketch and live edit to enjoy editing their photos in the same time.

Screen 5



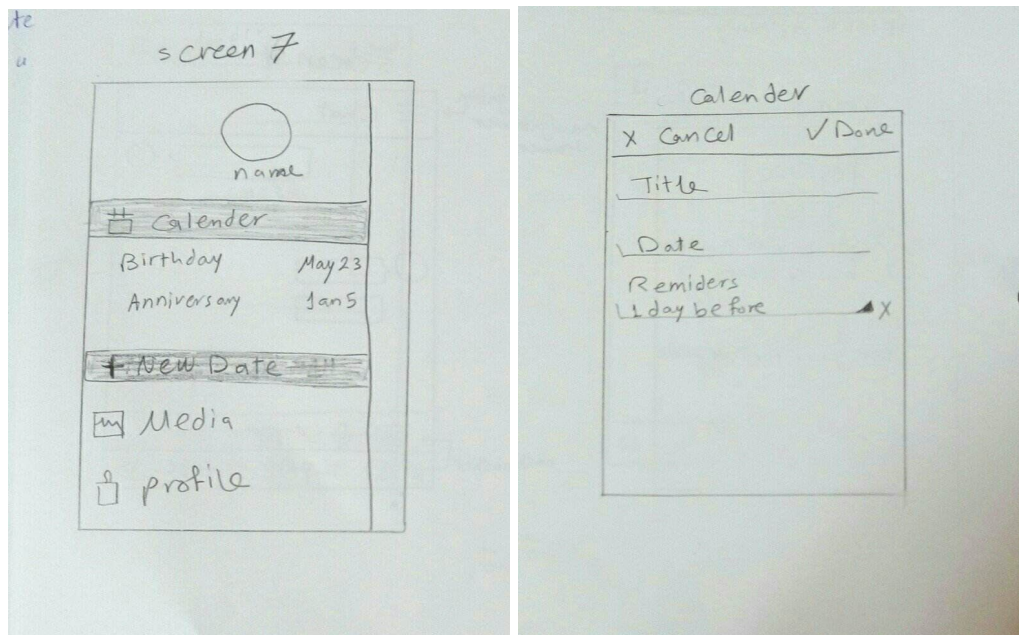
A navigation drawer to show list of options and other functions of the app.

Screen 6



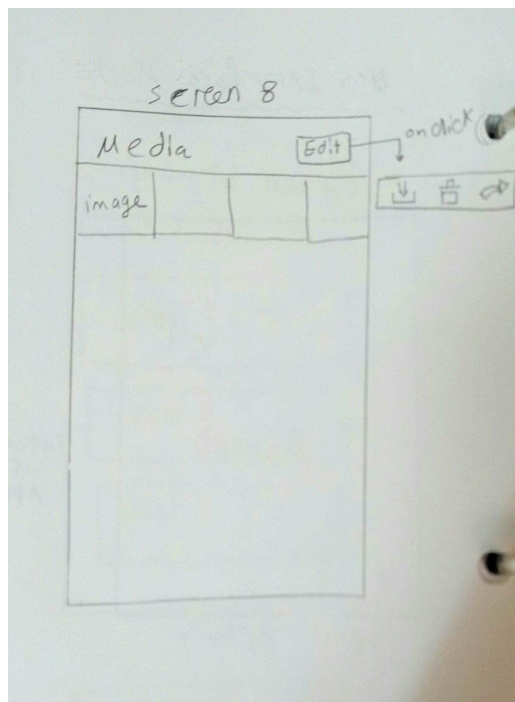
Shows timeline where they can share their current feelings and lovely moments.

Screen 7



A calendar to notify them in special events, and if they want to add a new event they can click on a new date .


Screen 8



In media they can find their shared photos.

Screen 9

Profile

name  name

Nickname name

Mobile number Enter

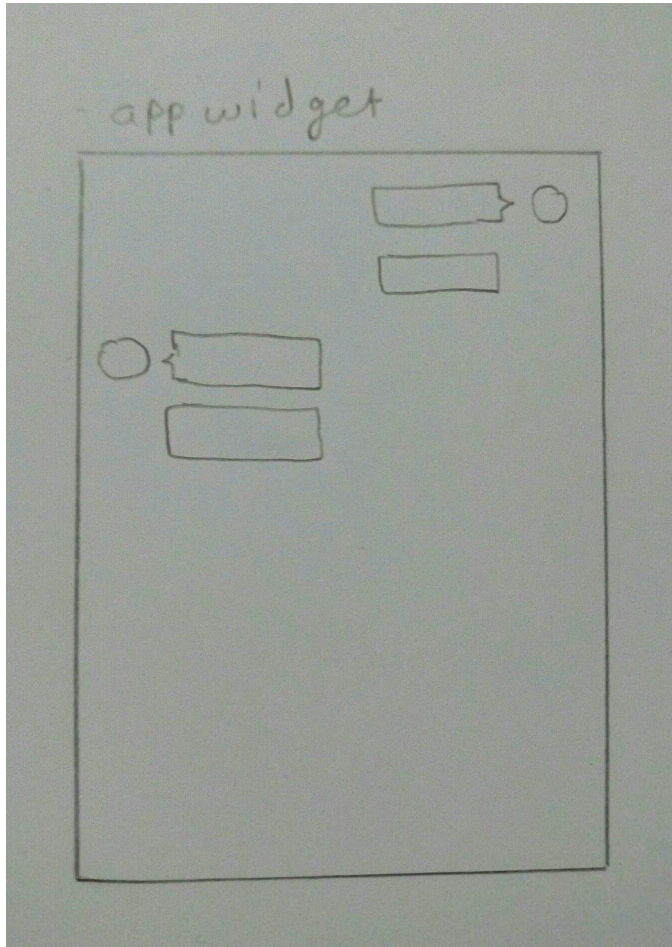
Birth day 10/16/1992

Gendre Female

Account Logged in via Google

In profile the user can find his information and can edit them if he wants.

Screen 10



App widget will see the last messages.

Key Considerations

How will your app handle data persistence?

- Realtime database firebase to save chat messages
- Firebase storage to save shared photos
- Shared preferences to save user information

Describe any edge or corner cases in the UX.

- There won't be different layout versions for phones or tablets.
- It will notify the user when network unavailable
- It will shows wrong password/login message for incorrect password/login

Describe any libraries you'll be using and share your reasoning for including them.

- Picasso to handle the loading and caching of images.
- RecordView to record audio
- Emojicon to add emojis to chat
- Photo Editor Tool to edit photos
- Photo Filter to add filters to photos

Describe how you will implement Google Play Services or other external services.

Firebase,google authentication.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

- Configure firebase
- Configure libraries
- Sign id and coupling

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity and other activities

Task 3: tutorial

Implement the tutorial of the app.

- Build the fragment of the tutorial

Task 4: chat

This the major function of the app

- Handle user authentication
- Generate code for matching
- Handle chat messages
- Using intentService to pull/send messages

optional tasks

The main task is to create chat ,after that i'll implement the other features of the app

Such as :

- Timeline
- Calendar
- Live sketch
- Live edit