

How to Use this Template

1. Make a copy [File → Make a copy...]
2. Rename this file: “**Capstone_Stage1**”
3. Replace the text in green

Submission Instructions

1. After you’ve completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it “**Capstone Project**”
3. Add this document to your repo. Make sure it’s named “**Capstone_Stage1.pdf**”

[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: MorcosS

Momentize

Description

The app is for saving best memories with attaching photos and adding gifts to events. A reminder of events that happened before, and organizing a date together specifying place and time.

Intended User

This app is intended for couples to save their best memories together in private not shared to anyone except themselves.

Features

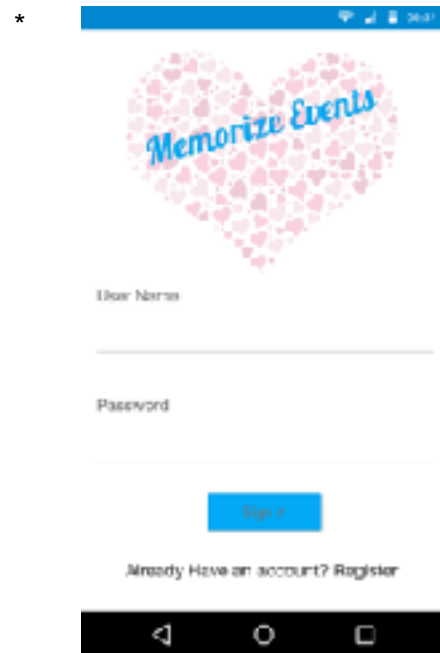
List the main features of your app. For example:

- Creates Events.
- Saves Information About Events.
- Takes pictures For Events.
- Schedule a date.
- Notification With place and time for the date.
- Pick a place using (Google Maps) For Dates.
- Add Events to Favorites.
- Reminder for Events on this day.

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



This is the sign in screen for our app.

Screen 2

Favorites tab for showing the favorite events.



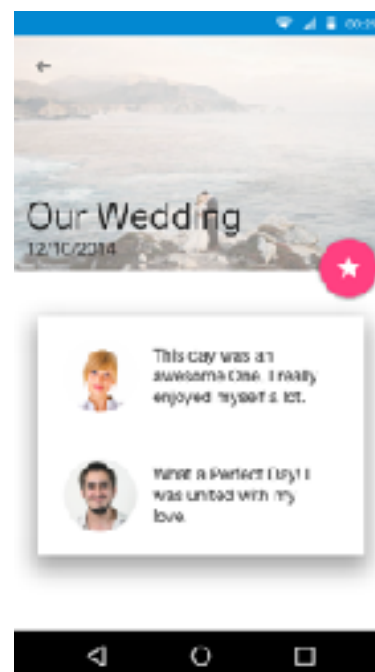
Screen 3

Memories Tab for searching your memories and surfing them.



Screen 4

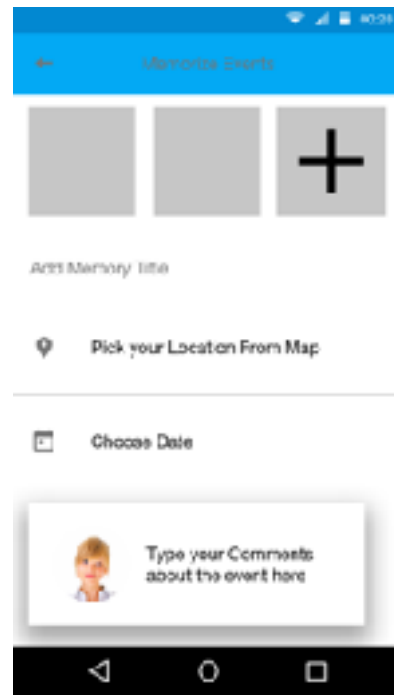
Memories Details Screen them.



* These mockup designs is made by proto.io

Screen 5

Adding new memories screen specifying date place and details about your memory



Screen 6

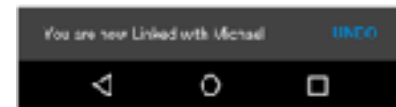
This Screen is for linking you account with a partner to share everything with him/her.



Screen 7



This Screen is for linking you account with a partner to share everything with him/her.



Screen 8



Arrange a date by picking up a place and time for your date. A notification will be sent to your partner to approve your choice.

Widget

widget for tracking your upcoming dates.



Add as many screens as you need to portray your app's UI flow.

Key Considerations

How will your app handle data persistence?

The app has content Provider for the data and the data will be saved on Firebase.

Describe any corner cases in the UX.

For example, how does the user return to a Now Playing screen in a media player if they hit the back button?

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

Glide for Loading images on the server.

Describe how you will implement Google Play Services.

Google Drive API for adding more space to accounts.

Google Maps API for searching for places.

Firebase for saving and getting data.

Next Steps: Required Tasks

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

Task 1: Project Setup

Write out the steps you will take to setup and/or configure this project. See previous implementation guides for an example.

You may want to list the subtasks. For example:

- Build Firebase Database.
- Define Firebase Database Rules for accessing data.
- Configuring Firebase Authentication and sign in.
- Configuring Google Maps API to search for places.
- Configuring Google Drive API for adding space for uploading photos.

If it helps, imagine you are describing these tasks to a friend who wants to follow along and build this app with you.

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:

- Build UI for Favorites Activity.
- Build UI for Navigation Bar .
- Build UI for Profile Activity.
- Build UI for Partner Profile.
- Build UI for Linking To Partner.
- Build UI for Memories Activity.
- Build UI for Memories Details Activity.
- Build UI for Arranging A Date Activity.
- Build UI for Picking a date from Calendar.
- Building UI for Settings Activity.

Task 3: Implement The Coding

Describe the next task. For example, “Implement Google Play Services,” or “Handle Error Cases,” or “Create Build Variant.”

Describe the next task. List the subtasks. For example:

- Implement Classes for Data.
- Implement Firebase Authentication and Sign in.
- Implement Google Maps API.
- Implement Google Drive API.
- Implement Methods for Saving Data into firebase.
- Implementing FirebaseJobDispatcher to update data in cache.
- Implement methods for querying data from firebase.
- Implement Content Provider for saving data.
- Implementing CursorLoader for loading data.
- Implementing Favorites Activity.
- Implementing Profile Activity.
- Implementing Linking Activity.
- Implementing Memories Activity.
- Implementing MemoriesDetails Activity.
- Implementing DateActivity.
- Settings Activity.
- Adding Free and Paid Flavors.
- Implementing app widget at home screen.

Add as many tasks as you need to complete your app.

Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"