**How to Use this Template**

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[Description](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.sm4ra97uwo11)

[Intended User](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.aws88pzfmqca)

[Features](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.zheq5430xrpq)

[User Interface Mocks](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.giquerrw6g46)

[Screen 1](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.a4jdupabry3k)

[Screen 2](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.dpcbbkx5yry)

[Key Considerations](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.gvcvmae8jn8u)

[How will your app handle data persistence?](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.v8my7nhtvz0m)

[Describe any corner cases in the UX.](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.gw69vjn1ico0)

[Describe any libraries you’ll be using and share your reasoning for including them.](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.6yqqubmw5bs)

[Describe how you will implement Google Play Services.](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.qrxg682nywe6)

[Next Steps: Required Tasks](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.v518bncmggeg)

[Task 1: Project Setup](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.8oe8zpk3qsmp)

[Task 2: Implement UI for Each Activity and Fragment](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.rzllsk6uqztx)

[Task 3: Your Next Task](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.fdmohs7hes)

[Task 4: Your Next Task](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.umfwsvmx7tpn)

[Task 5: Your Next Task](https://docs.google.com/document/d/1gKP6RxykeekNk5bYxXIKjEitKDPdxpRyIaa9t50bLSA/edit#heading=h.kjidlkq4xm3u)

**GitHub Username**: akashnits

NIT Silchar Alumni

Description

NIT Silchar Alumni app offers a platform to alumni, student and faculty of the institute to connect, collaborate and engage with vast network of NITS Alumni working in various organization worldwide. We aim to open the doors to new and exciting opportunities, steer you

toward challenging job openings.

The unique features of the app will help users to stay updated to news, achievements, events and jobs.

Intended User

Alumni, students and faculty of NITS

Features

List the main features of your app.

* Login, Signup and Password reset functionality (Social login optional)
* Uploading data to server (e.g. Job postings, events, achievements etc.)
* Fetching data from server and displaying it (e.g. Job postings, events, achievements etc.)
* Like, comment and share on a post
* Searching posts using keywords
* Saving Alumni details on server (firebase database)
* Searching and filtering alumni
* Invite others to download the app.
* Settings screen
* Enabling offline capabilities

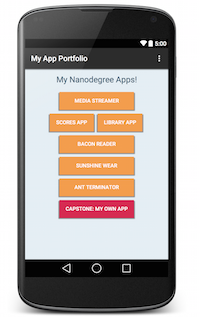
Optional

* Notifications
* One to one chat using a separate chat session

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 Google Drawings, [www.ninjamock.com](http://www.ninjamock.com), Paper by 53, Photoshop or Balsamiq.

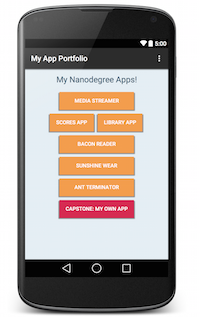
**Screen 1**



Replace the above image with your own mock [ click on the above image, then navigate to Insert → Image… ]

Provide descriptive text for each screen

**Screen 2**



Replace the above image with your own mock [ click on the above image, then navigate to Insert → Image… ]

Provide descriptive text for each screen

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

Key Considerations

**How will your app handle data persistence?**

I’m going to use the following for data persistence:

1. Content provider to store data locally
2. Firebase server to host data

**Describe any edge or corner cases in the UX.**

Navigating between fragments using back button.

Filtering posts and alumni as per selected criteria.

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

Libraries:

1. Butter-knife
2. Picasso

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

Services:

1. Firebase for implementing Login and storing data on server
2. Location to get location of alumni while account creation

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**

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:

* Configure libraries
* Something else

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 MainActivity
* Build UI for something else

**Task 3: Your Next Task**

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:

* Create layout
* Something else

**Task 4: Your Next Task**

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

* Create layout
* Something else

**Task 5: Your Next Task**

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

* Create layout
* Something else

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

**Submission Instructions**

* After you’ve completed all the sections, download this document as a PDF [ File → Download as PDF ]
  + Make sure the PDF is named “**Capstone\_Stage1.pdf**”
* Submit the PDF as a zip or in a GitHub project repo using the project submission portal

If using GitHub:

* Create a new GitHub repo for the capstone. Name it “**Capstone Project**”
* Add this document to your repo. Make sure it’s named “**Capstone\_Stage1.pdf**”