



**North South University**

Department of Electrical & Computer Engineering

**Course Repository**

**SPRING 2021**

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**Course Name:** Mobile and Wireless Application Development

**Course No:** CSE 486 **Sec:** 01

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**Git Repository:** <https://github.com/NSU-SP21-CSE486-1/1632858-SP21-CSE486-S01>

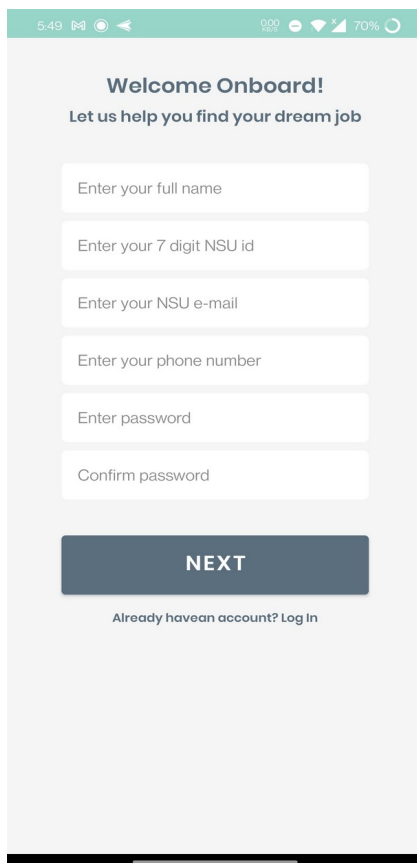
**Date Prepared:** March 03, 2021

## Introduction:

Job searchers require all the assistance they can get in order to navigate today's challenging job market. The economy is stagnant, and the job market is exceedingly competitive. As you may be aware, the days of picking up the newspaper, looking for the "Help Wanted" or employment classified advertisements, and simply dialing a phone number to schedule a job interview are long gone. A modern job search entails much more than scouring the internet for openings and sending a CV. Employers, recruiters, and human resource departments all know who they're searching for. They're seeking for those who are meticulous when it comes to their job search. Hiring managers can detect if a candidate has done their research on the firm and the position they're applying for. In this pandemic we can see the need of jobs properly. Hundreds of people are losing their jobs for this current economical crisis. For the students of north south University We made an android app "NSU CPC". The perfect place to look for a job. NSU CPC admins can post the jobs from the NSU CPC Employer app. Students can get their desired jobs using the app.

## Features:

1. A student can sign up and look for the job after logging in



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**Welcome Onboard!**  
Let us help you find your dream job

Enter your full name

Enter your 7 digit NSU id

Enter your NSU e-mail

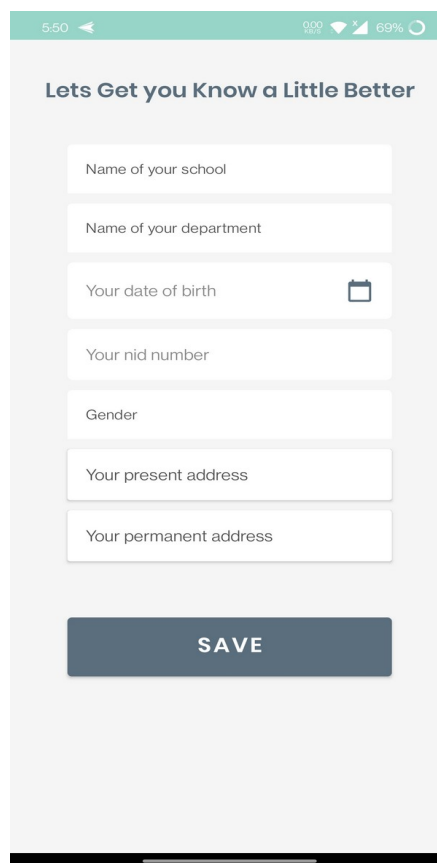
Enter your phone number

Enter password

Confirm password

**NEXT**

Already have an account? Log In



5:50 69%

**Let's Get you Know a Little Better**

Name of your school

Name of your department

Your date of birth

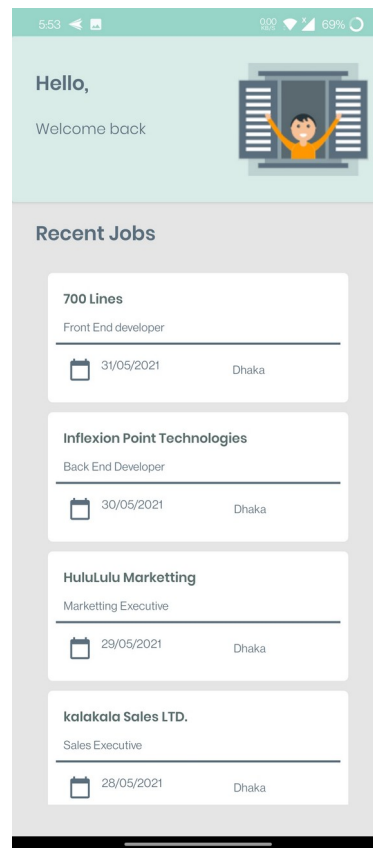
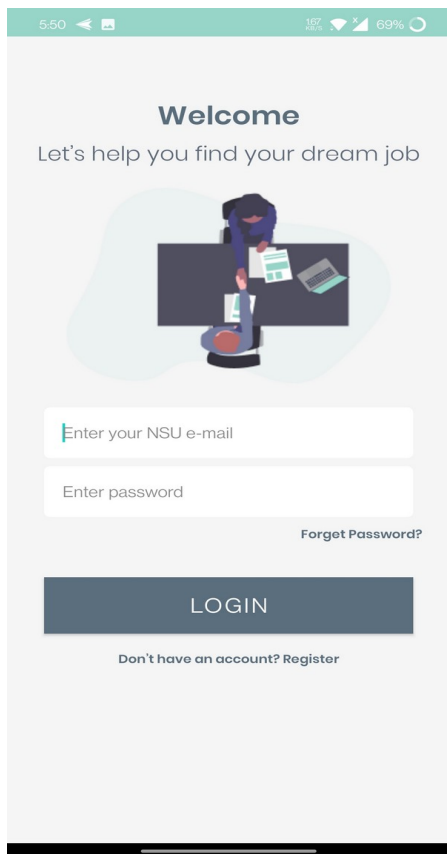
Your nid number

Gender

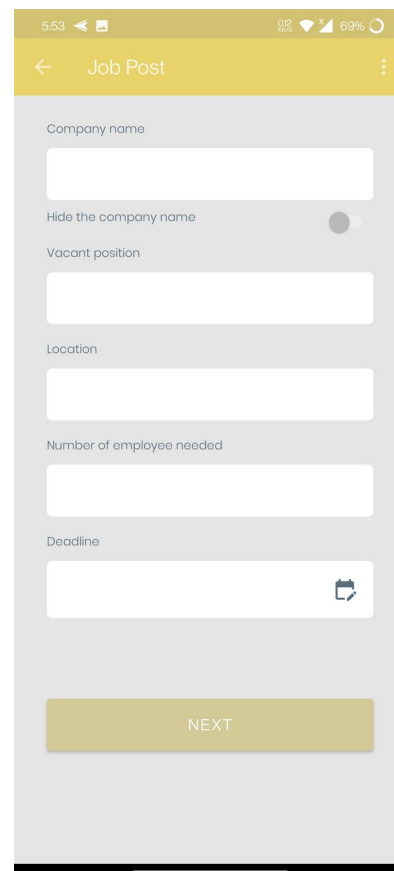
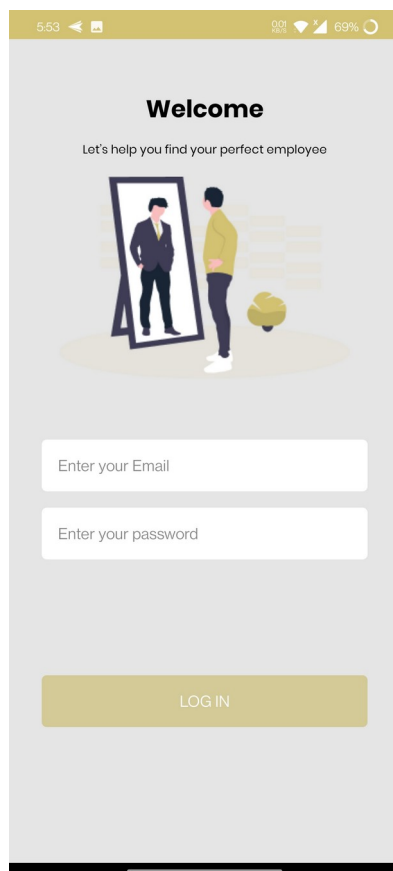
Your present address

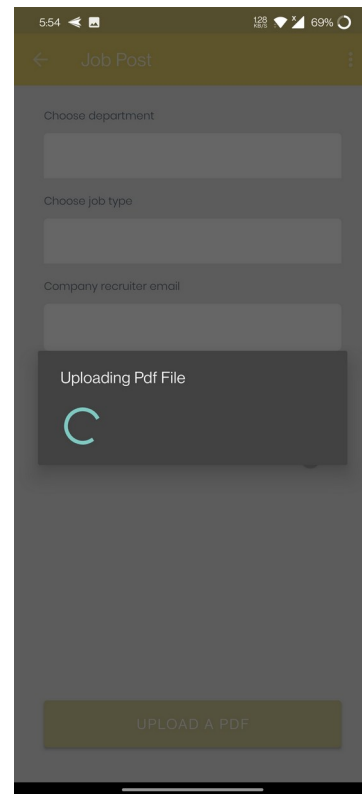
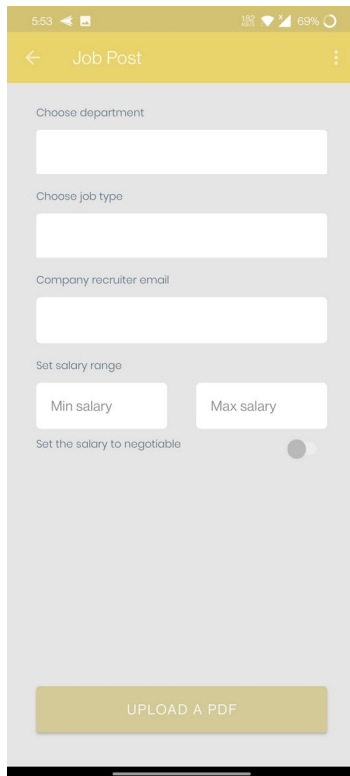
Your permanent address

**SAVE**



2. NSU CPC admins can log in and post a job. NSU CPC admins can upload a pdf file regarding the job description.





## Design Pattern:

Due to lack of time I couldn't follow a specific design pattern, but I tried to follow the MVC pattern.

## Deadlock:

In my case of developing these apps I faced several deadlocks. One of them was, Firebase wasn't receiving any data in the real time database. I tried every possible way to solve that. I wasted a long time during this bug. At last after reading the Firebase new documentation I was able to solve it. Then there were some other problems. Like, I was physically ill during the last days of the semester.