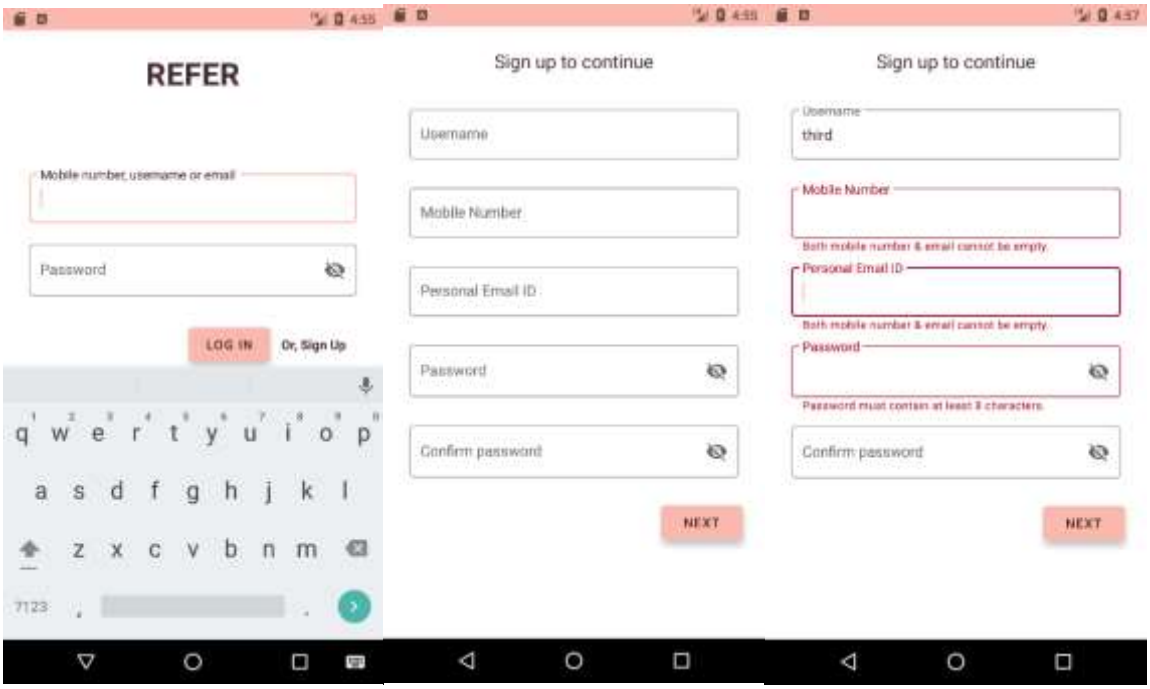
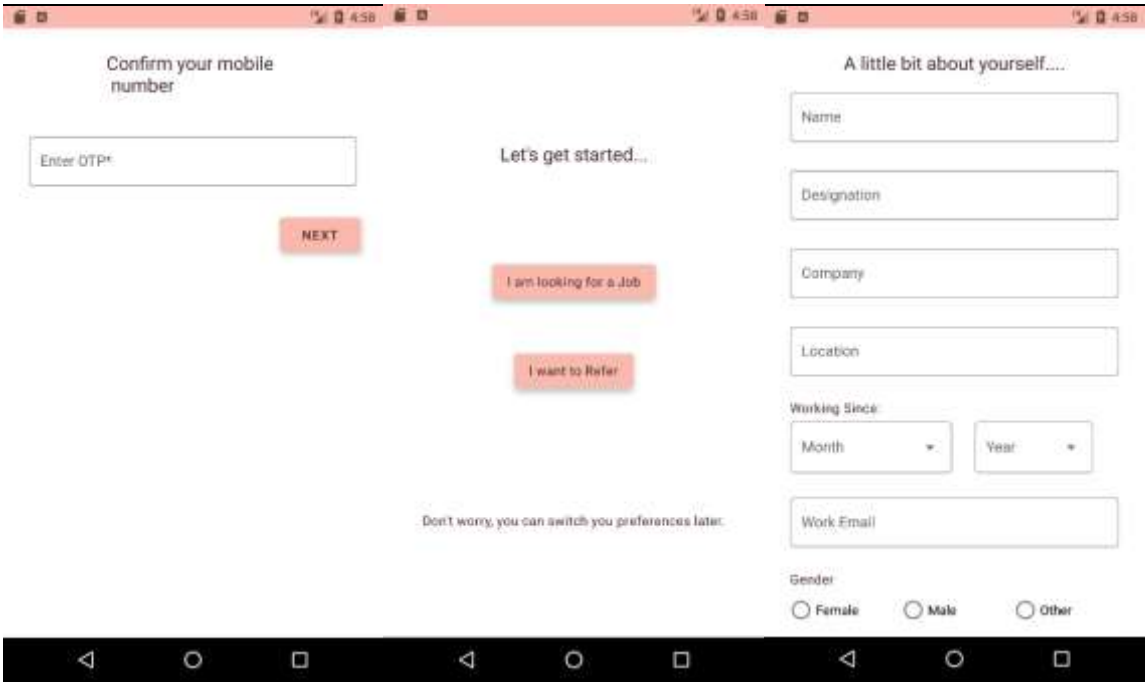
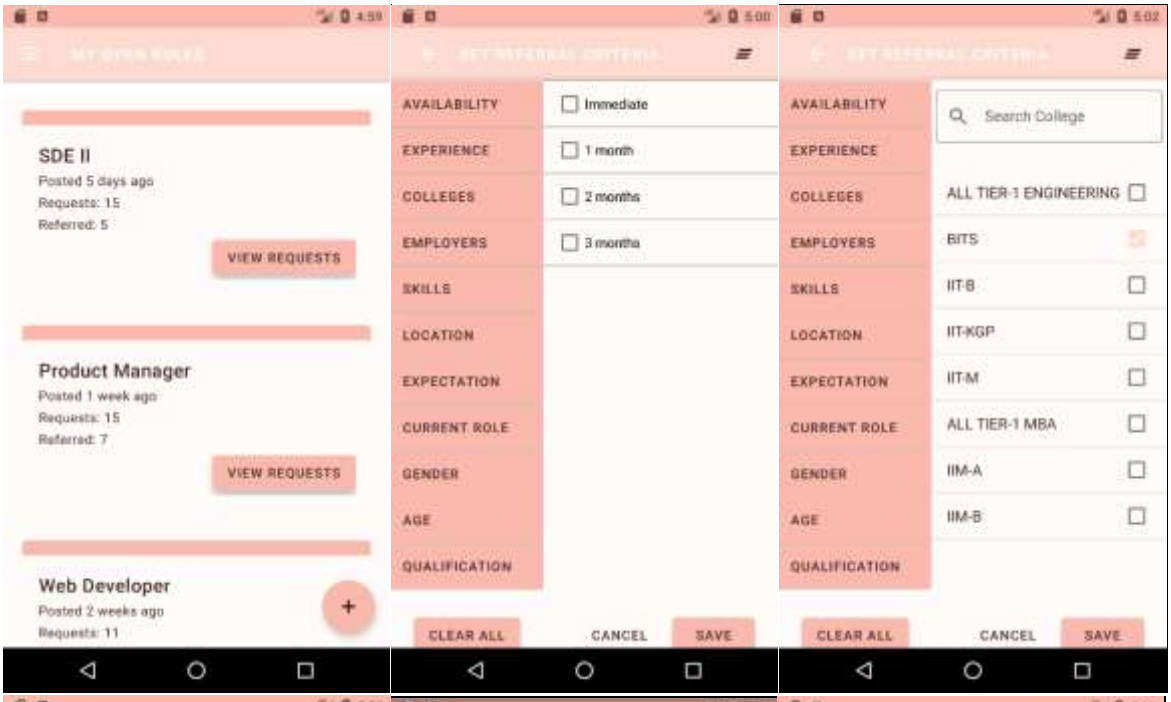
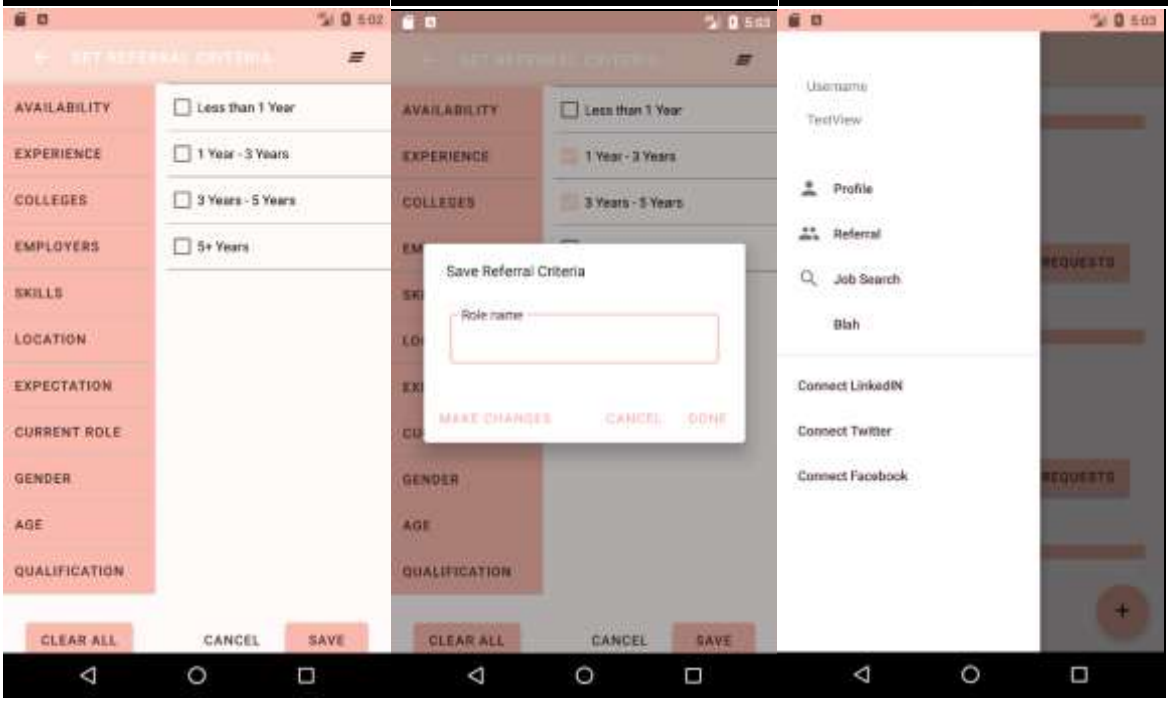
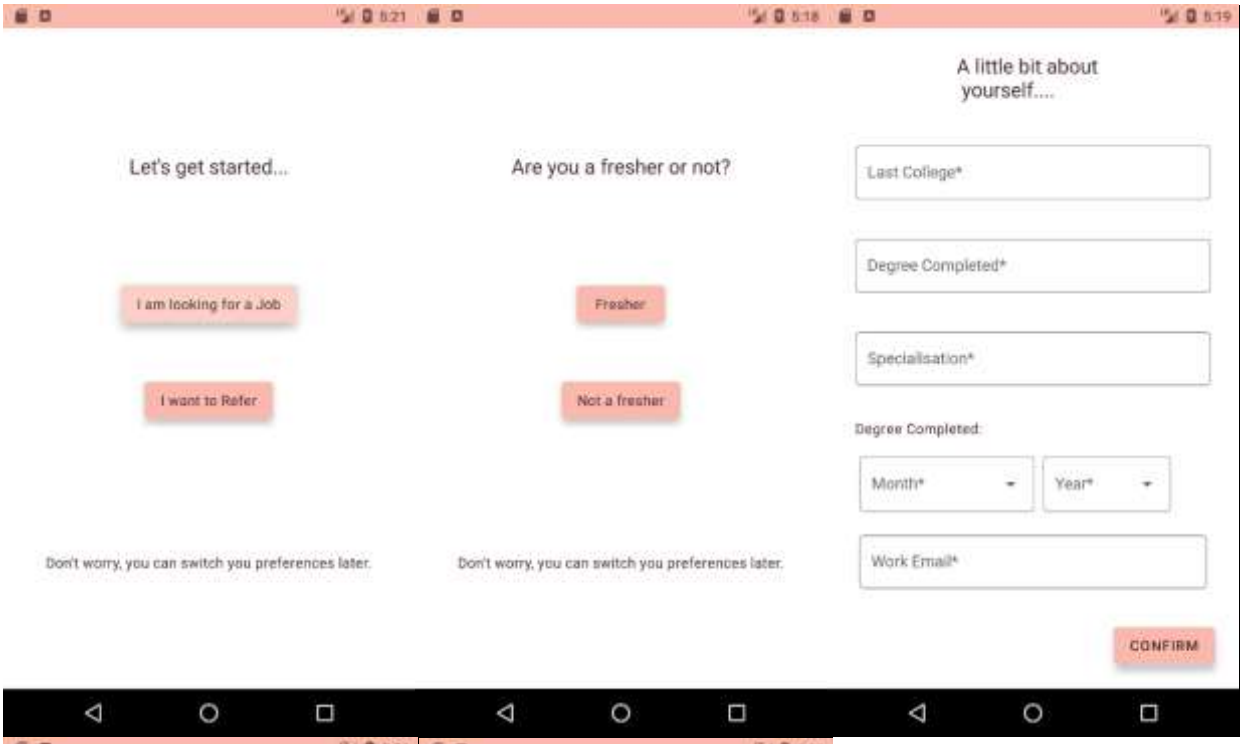
Screenshots for Android application created

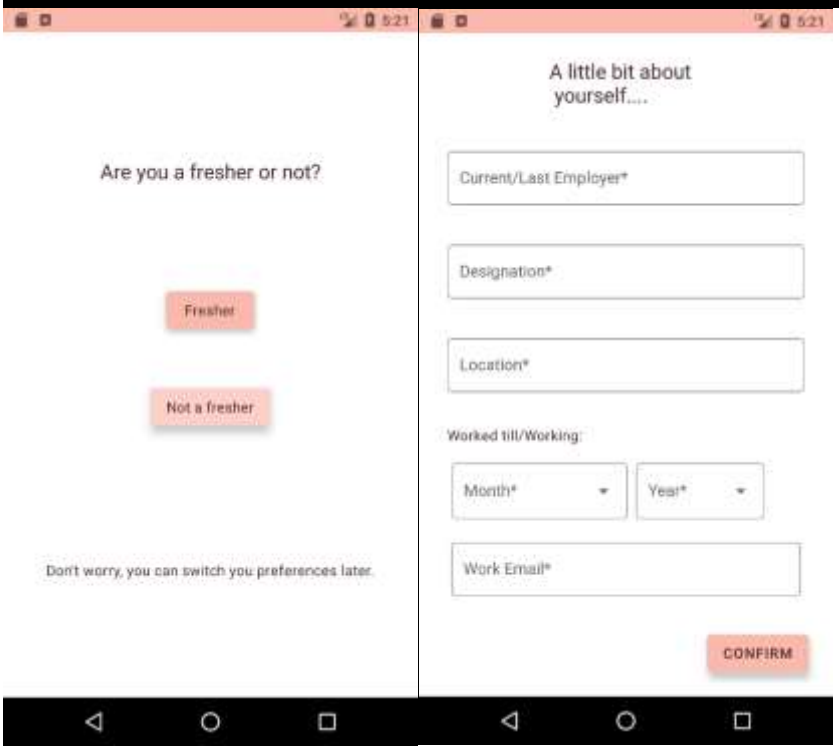





SDE II
Posted 5 days ago
Requests: 15
Referred: 5
VIEW REQUESTS
Product Manager
Posted 1 week ago
Requests: 15
Referred: 7
VIEW REQUESTS
Web Developer
Posted 2 weeks ago
Requests: 11
AVAILABILITY
EXPERIENCE
COLLEGES
EMPLOYERS
SKILLS
LOCATION
EXPECTATION
CURRENT ROLE
GENDER
AGE
QUALIFICATION
Immediate
1 month
2 months
3 months
CLEAR ALL
CANCEL
SAVE
Search College
ALL TIER-1 ENGINEERING
BITS
IIT-B
IIT-KGP
IIT-M
ALL TIER-1 MBA
IIM-A
IIM-B


AVAILABILITY
EXPERIENCE
COLLEGES
EMPLOYERS
SKILLS
LOCATION
EXPECTATION
CURRENT ROLE
GENDER
AGE
QUALIFICATION
Less than 1 Year
1 Year - 3 Years
3 Years - 5 Years
5+ Years
CLEAR ALL
CANCEL
SAVE
Save Referral Criteria
Role name
MAKE CHANGES
CANCEL
DONE
Username
TextView
Profile
Referral
Job Search
Blah
Connect LinkedIN
Connect Twitter
Connect Facebook


Let's get started...
I am looking for a Job
I want to Refer
Don't worry, you can switch you preferences later.
Are you a fresher or not?
Fresher
Not a fresher
Don't worry, you can switch you preferences later.
A little bit about yourself....
Last College*
Degree Completed*
Specialisation*
Degree Completed:
Month*
Year*
Work Email*
CONFIRM


Are you a fresher or not?
Fresher
Not a fresher
Don't worry, you can switch you preferences later.
A little bit about yourself....
Current/Last Employer*
Designation*
Location*
Worked till/Working:
Month*
Year*
Work Email*
CONFIRM

Database Design

1. USER_LOGIN_INFO: This table gets created whenever user signs up for the first time and stores his/her login credentials.

user_id
password
login_type

Notes:

- Password is the encrypted field
- login_type is enum (mobile, facebook, gmail or linkedin)
- This table is same for all the candidates or referrers

2. USER_PROFILES: This stores all the singular data about the user, and gets updated as and when we get details during the onboarding process.

user_id
name
referrer/candidate
company_id
email_id
mobile
current_location
gender
age
current_role
total_experience
minimum_pay
availability

Note:

- This table is same for all the users (both the candidates and referrers)

3. USER_PREFERRED_LOCATIONS

user_id
location

4. USER_SKILLS

user_id
skill

5. LOCATIONS: This is a hardcoded table of all the locations that we provide our service in.

location_id
location

6. ROLES: Hardcoded table of all the roles that we are aware of. Role is the same thing as position or work profile in the company and is specific. For example, DevOps Engineer, Backend Engineer-1, Backend Engineer-2 are separate roles.

role

7. ROLES_BY_ROLE_CLASS: Hardcoded roles to role class mapping

role
role_class

Note: There is no need to provide ‘id’ instead of strings in the map tables. These are hardcoded values and we want tables to be readable as well. Using foreign integer keys instead of string foreign

keys provide no additional value and make the entire db look encrypted for no reason. That is why I keep ‘location’ string in the USER_PROFILE table instead of location and so on There are only finite set of locations and roles anyway.

10: SKILL_BY_SKILL_CLASS

skill
role_class

11. USER_WORK_EXP:

user_id
company_id
from_date
to_date
role

12. USER_EDU_EXP

user_id
college_name
from_date
to_date
degree

13. COLLEGES

college_id
college_name
tier_class

14. DEGREES

degree_id
degree

15. COMPANIES: To be prefilled and hardcoded.

company_id
company_name
location
website
logo
founded_date
business_model
company_size
company_type
industry

16. COMPANY_COMPETITORS

company_id
competitor_id

17. JOBS

job_id
referrer_id
company_id
min_experience
max_eperience

max_expectation
current_role
gender
availability
skills
location
qualification

Note: referrer_id is same as the user_id in the USER_PROFILES table

18. JOBS_ACCEPTED_COLLEGES: This is created when the filter explicitly mentions the colleges.

job_id
college_id

19. JOBS_ACCEPTED_PREVIOUS_EMPLOYERS: This is created when the filter explicitly mentions the previous employers.

job_id
company_id

20. JOBS_ACCEPTED_SKILLS: What are the skills that this job or referral requires?

job_id
skill

21. JOBS_ACCEPTED_LOCATIONS: A job could be applicable for multiple locations.

job_id
location_id

22. JOBS_ACCEPTED_QUALIFICATIONS. As again, degree value must match from the DEGREES table.

job_id
degree_id

23. JOBS_ACCEPTED_AVAILABILITY

job_id
availability

24. MATCHES: This indicates what companies and then referrers are shown to the candidate:

candidate_id
job_id
referrer_id
company_id
match_score
location

25. MATCHES_PER_COMPANY: This is derived from the above table. Could be a VIEW for quick access. (select candidate_id, company_id, sum(match_score) from MATCHES group by candidate_id, company_id order by sum(match_score) desc). Score is something which will be from job_id and user_id on the basis of availability, experience, college, skills and all other criteria. Score will be more if referrer is the alumni.

candidate_id
company_id
total_score

26. REFERRAL_REQUESTS:

referrer_id
candidate_id
job_id
applied_date
company_id

role
current_status

27. REFERRAL_STATUS_LOG

referral_id
date
status

28. REFERRAL_STATUSES: Hardcoded value of what can be the value for referralstatus

referral_status_id
referral_status

29. REFERRER_SCORE: How good is a referrer for a particular role class? Starrating.

referrer_id
role_class
score

30. USER_SEARCH_PARAMS: This describes what kind of matches we have been looking for the candidate.

user_id
role_class
location

ER Diagram