

# Career NextGen

**Android app** (No connection with universities or companies. It's just for students only)

## User groups

- Students (School leavers/undergraduates/graduates – no restrictions)
- Admin
- Career advisors (3 advisors are there)

## Students

- ✓ Login, Registration, verification, password rest
- ✓ View profile and progress
- ✓ Career Test and download a full report
- ✓ Book a slot to contact career advisor for free and connect with them through inbuilt video conferencing

To discuss on the questions, he has regarding the downloaded career report and to get further advice. But no continuous guidance is given. This is just only to solve doubts one time.

- ✓ Skills development(guide) + small tasks to develop skills

## Career advisors

- ✓ Login (with the username and password given by admin)
- ✓ View requests came from students to talk with them

Once a student booked a time slot his career report will be sent to the particular advisor

E.g.: if student selected advisor 1, this report is sent only to advisor 1 for reference

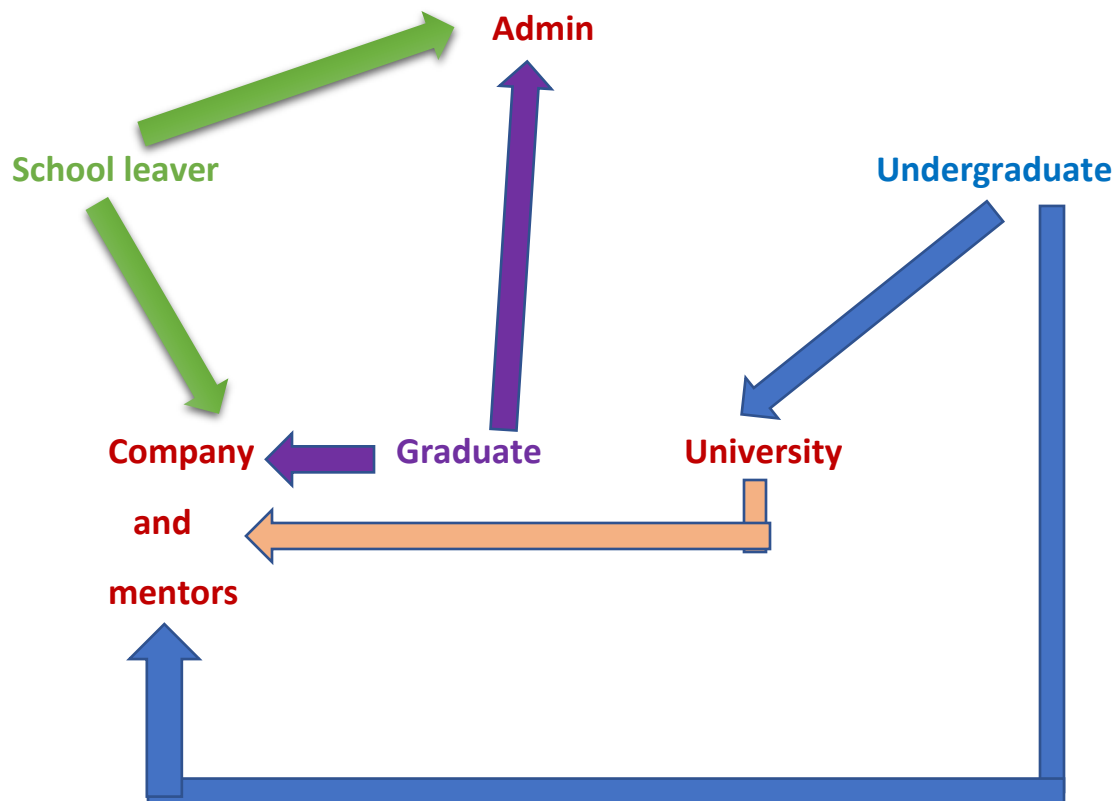
- ✓ Respond to those requests(confirm/decline) and connect with the call at the booked time slot

## Admin

- ✓ Login(hardcoded)
- ✓ Give usernames and passwords for advisors and manage their details
- ✓ Send emails/mgs to career advisers and emails to students (welcome mail, reminder of booked slot/career report/confirmation of time slot booking)
- ✓ Upload any skill development guidance tutes/tasks for students
- ✓ View all booked time slots daily/weekly and hide reserved slots from other users (display only the vacant slots for booking)
- ✓ View registered students' details

## Web app

### User Connectivity



### User groups

- Students (School leavers/undergraduates/graduates)
- Admin
- University – Career Guidance unit head
- Company and mentors

### Admin

- ✓ Login
- ✓ Maintain the university industry collaboration
- ✓ Manage company and university details
- ✓ Send notification to students, mentors

- ✓ View registered students' details

### Students

- ✓ Login, Registration, verification, password rest
- ✓ Search jobs
- ✓ Apply via the same system by uploading CV s
- ✓ Get opportunity to interact with mentors who guide them towards career development.
- ✓ Get chances to participate for practice interviews with mentors before facing real interviews
- ✓ Get notified about job opportunities, training programs launched by registered companies or universities and get involved with them.

### Company staff and mentors

- ✓ Login (with the username and password given by admin)
- ✓ View requests came from students to talk with them
- ✓ Respond to those requests(confirm/decline) and connect with the meetings
- ✓ Publish job vacancies of the company
- ✓ Respond to the received CV s

### University – Head of the Career Guidance Unit

- ✓ Login (with the username and password given by admin)
- ✓ maintain the interaction with undergraduates
- ✓ Notify about new vacancies
- ✓ Hold interviews
- ✓ Maintain the interaction with companies
- ✓ Respond to issues coming from undergraduates
- ✓ Notify about career development programs organized by the university

## **Business Need**

Currently, the career development processes happening in the country has many loopholes. One of the main is that a continuous guidance is not provided to the students to go up in their career ladder. Though some authorities and institutions launch career development programs, most of the time, they are limited to 1month/3months/6months or 1 year and nothing beyond.

Some of the other significant gaps in prevailing procedures can be identified as follows: (policy, n.d.)

- Failed to reach a large, targeted user group
- Insufficient information systems regarding the job demands
- Deficiency in giving professional trainings and necessary skills through an online platform
- Less attention is paid on career improvement of school leavers
- Lack of joint effort of universities and companies and interaction among those parties and students is very low.
- The involvement of industries in the career guidance sector is considerably less.
- No proper methodology for career mentoring and counselling, job placements, competency growth etc.

## 1. Scope

The initial point of my project is the study carried out about the existing procedures of career guidance and development in Sri Lanka and get understanding about how some similar applications related to that work in the current context. Through that comprehensive study, I identified certain areas and gaps which should be addressed through my project and then developed my project scope accordingly to cater all the required functionalities. The scope is suggested in a way that there are clear and unique differences between the prevailing career development apps and my project.

Talking about my “CareerNextGen” project, actually it is split into two separate applications: Web and Android. Since this is a professional project domain, the web application is considered as the major approach because it's not good to deal with professionals just through an android platform. But at the same time, by developing an android application, students will be given the chance to develop career at their fingertips in the most convenient way of them.

As the name "Career development and guidance application" suggests, my project is based on two approaches according to how I interpret it. The first one is career guidance and the other is career development. Though those two contribute to a common final goal, there are some slight differences identified between them.

In the career guidance module, I'm planning to bring universities and certain companies to the same platform where they would collaboratively work towards facilitating proper career guidance for the targeted user groups. Thereby all the functionalities where the university or industry are involving with students will be carried out via the web application because it is always regarded as a professional relationship.

Through the web application, the following tasks will be achieved.

- Search jobs and apply via the same system by uploading CV s
- The applicants will get notified about the status of submitted job applications and get called for interviews.
- Partnership between universities and industries will allow to provide career guidance trainings to the students
- Users will get opportunity to interact with mentors who guide them towards career development. Thereby, they will get an understanding on what should they do after studies and solve their doubts related to the career path by having meetings
- Users get chances to participate for practice interviews with mentors before facing real interviews
- Get notified about job opportunities, training programs launched by registered companies or universities and get involved with them.

In order to receive continuous career guidance and personalized career development plans from specific experts or mentors, a payment will have to be made. For that, a payment gateway will be integrated within the system itself facilitating online transactions. (devathon.com, n.d.)

The reason why I suggested to develop an android application too is that most of the students in youth generation have compelled to use smart phones widely rather than using computers frequently. So, I thought to make them motivated through an android application. The career development module mentioned above will be implemented through the android approach. It will be actually acting a self-learning/self-development mechanism where no professional parties given above are not involved. Hence, the android application is exclusively for the use of students only where they will be able to develop their professional skills through several tasks and online evaluations with real time marking. They will be able to maintain their own schedules, track progress and receive important reminders/notifications.