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**Instruction:**

- Use the following template to capture applicable information from your project kick-off. Feel free to add or remove section(s) as appropriate.
  - Post your report on your team website
  - Due date: September 14, 2020, 11:59pm
  - Filename convention
    - o CIR\_Txx\_F20a.doc or .pdf (where xx is your team number, team 1 is 01, team 10 is 10)
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# Client Interaction Report

Team: Team 8

Project name: Nuleep

Meeting date: 11am Sep/10/2020

Meeting Participants: Anurag Unnikrishnan, Christopher Kuo, Grace Park, Hanwen Guan, Ilia Leshchev, Justin Fu, Likhita Suresh, Suki Sahota, Supannika Koolmanojwong Mobasser.

1. Project overview
  - a. Current problems

This project faces a lot of problems with what is done so far. The current iOS offering of the application is incomplete and it is in its initial phase of development. A lot of the basic functionality of the mobile application needs some fine tuning. For example, a user is not able to upload a profile photo.

There is much work to be done with the rest of the project. For example, the android version of the platform is not yet developed. Also, the website has no user terminal. The current development team's scope is unclear because they would like to add additional features such as a recommendation algorithm. The recommendation algorithm is still in the conceptual phase. The recommendation feature will allow users to recommend others and to receive recommendations from others for potential jobs. Last but not least, an overhaul of the UX/UI seems unavoidable.

- b. Main stakeholders
  - i. Key decision makers

CS577a Team 8, Teaching team, The clients - Grace Park and Luis along with the development team of Nuleep.

- ii. Domain experts

Team 8, teaching team, developer team, UX/UI designer, Luis Reyes

- iii. Maintainer(s) / operator(s)

Development team at Nuleep, our project team (team 8), and external consultants who Nuleep hires.

iv. Target users

1. Characteristics (age, occupation, lifestyle, etc)

Generation Z students or job seekers in the 18-24 age-group.

Professors who want to recommend their best students for industry work.

Past colleagues who want to wish well upon their former co-workers by recommending them for future work.

c. Current workflow (if applicable)

The current workflow of the existing system only allows users to create an account and fill in two fields, i.e., job position and salary. The current workflow is very limited to basic functionality.

d. Potential quantitative benefits

Employees will be able to maximize their salary (\$\$) from employers who fit their personal culture. It is not enough to just find a job. Nuleep will get people the most amount of money based on their experience, interests, values, and recommendations.

The type of recruitment that Nuleep enables will drastically increase the number of qualified applicants to their respective companies. This will boost company ratings (based on the number of applications they receive) and make the recruitment process easier on both ends (employees and employers).

As the number of users on the application increase, the number of advertisements bought on the application will also increase. This means more revenue for Nuleep and a larger bottom-line amount per quarter.

e. Potential qualitative benefits

Since the application will change the way students and professionals look for work, I imagine this application will become a much needed catalyst to the current system which rewards those with connections. The qualitative benefit of this is that it will bring equity and fairness to the recruitment process.

Because students will be able to leverage their performance in the classroom during the recruitment process after school, students will feel more motivated to do well in school without the stress of fall/spring recruitment. It will allow students to feel less pressure from recruitment and lead to more overall well-being and a higher level of mental health.

Companies repeatedly state at job fairs that the single most important factor that they look for in job applicants is that they match the company's culture. What Nuleep does is a rigorous matching of people and employers that take personal interests and values, and they

use that information to place people at companies that fit their personal culture. This will create unmeasurable productivity and intangible positive externalities in the workplace.

## 2. Technical overview

### a. Current technologies used / considered

SaaS - web app using ReactJS and Apollo

Database - MongoDB

User authentication (in process of revamping) - AWS S3, Cognito

Digital Cloud service to host environment for developers

### b. Current status of the system development

iOS app: available in App Store, can register an account, but a lot of bugs and no referral feature.

Android app: not developed yet and not available.

Web: Available but not fully functional.

### c. System dependencies

Most recent iOS v13.7, ES6, React framework v16.13.1, Apollo v2.30.3, MongoDB v4.4.0

### d. Similar product(s)

LinkedIn chat box/InMail, Glassdoor, JumpStart

### e. Key features / capabilities

Referral system:

Students and job seekers can directly chat with recruiters and company employees. The more students that are referred, the more successful that recruiter becomes. Some students may not have very many connections, so this project allows students to tap into a much larger network through co-worker/professor recommendations.

## 3. Key terminologies

Digital cloud, UX/UI, User-Generated-Content, Social Graph, Recommendation System, User Research, API.

## 4. Action items

Action items	Description	Priority
1	Quote from chatbot company	Medium
2	Setup slack channel with current developing team and board members	High
3	All CS577a team members getting access to the digital cloud and github	High

4	Establish recommendation system	Medium
5	Implement covid-19 feature to Nuleep strategies	Low
6	Revenue generation with App is freemium + ads (contract with companies) methods discussion	Medium
7	Build Android platform with digital cloud	Low