Hi Joel,

I’m Dzung and tagged in this mail is Long, my fellow orbitee, and we’re working with you on our Orbital project. I apologize for contacting a little late since we have to fly back and settle in Vietnam.

I’m writing you this mail to give you an overview of our project and what we will be working on until the end of this month.

The inspiration for our project comes from two things: my not-so-fantastic encounter with coding, and an app called Duolingo. Basically, we’re planning on designing a platform for learning programming languages, aiming at beginners with no prior experience. In addition to that, users can also test their abilities through dueling with other users, and they can also try and develop their own codes in a prototyping environment.

Some current information on the web app:

* Structure: 3 parts

+ Classroom: Studying and testing environment

+ Battlefield: PvP mode

+ Sandbox: Prototyping and playground for users

* Provided languages: C++, Java, Python
* Technical details:

+ Front-end (I’ll be working on this in June): HTML, CSS, Flask, JavaScript/JQuery (if needed)

+ Back-end (Long will be working on this the majority of the time): Python

+ Account authorization: Email, Google, Facebook

+ Deployment: Heroku

As of right now, Long is working on building a user database, and he’ll be working on the main logic behind the app soon, while I’ll be working on the contents (lessons, quizzes, tests) for the ‘Classroom.’

We haven’t decided on a date to discuss with you yet because of intern and family schedules clashing, but we’ll try to inform you 2 days before the actual contacting day. Until then, I’ll contact you through emails and Slack.

I look forward to discussing with you soon.

Regards,

Pham The Dzung

*National University of Singapore, School of Computing*