



Vino Uthayakumar &lt;ukvino3@gmail.com&gt;

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**Re: Week 5 Status Report of CENG 355 E-Money Project**

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**Ramya Radhakrishna Kumar** <ramyarkkumar27@gmail.com>

Mon, Mar 5, 2018 at 2:08 PM

To: Austin Tian &lt;Austin.Tian@humber.ca&gt;

Cc: Xtreme Goldberg &lt;sushantsharma88888@gmail.com&gt;, vino uthayakumar &lt;ukvino3@gmail.com&gt;

Dear Austin Tian,

We have decided student A to be Ramya Radhakrishnakumar, student B to be Sushant Sharma and student C to be Vinokkumar Uthayakumar. This email is to update the progress shown in e-money since week 3.

Since our very idea of the project has been overlooked, few changes had to be made to the mobile application. So we dedicated more attention towards it. Vino worked on the changes to be made in that application and some of the modifications are; we added a navigation bar that uses fragments to switch between each layout between screens. This actually gives a proper flow for the application and also made it a bit more user friendly now than before. Some of the methods/functions added are contact, enrolment, overview, pay and transfer. We also added layouts for each of those methods that are mentioned above. Moving on to the database part controlled by Sushant, the database has been created successfully and we tried to connect it to the mobile application. It wasn't connecting initially because of some technical issue. We spent more time on fixing the issue and now we are able to connect the database to the mobile application. We are able to interact between the application and the database now. Ramya made sure if the hardware/sensors incorporated in this project are in proper working conditions. We are yet to work on the hardware and database connection this week. Also we carried out some research on the hardware parts that might be needed in the future.

So far there is no change in the final status of the project. It remains the same. Further updates on the budget are to be seen down the following weeks.

As per the project schedule we have completed almost as intended until week 5, yet the major milestone is yet to be completed and that is the connection of the database to the hardware (QR scanner and Fingerprint sensor) which we are planning to work on week 6 and also we might get help from Kelly in the prototype laboratory.

Links to the Media added on GitHub (<https://github.com/RamyaRadhakrishnakumar/ceng355>):

<https://github.com/RamyaRadhakrishnakumar/ceng355/blob/master/PastedGraphic-1.png>

<https://github.com/RamyaRadhakrishnakumar/ceng355/blob/master/PastedGraphic-2.png>

<https://github.com/RamyaRadhakrishnakumar/ceng355/blob/master/Screen%20Shot%202018-03-05%20at%20.04.40%20PM.png>

Some of the websites used as reference for the application and database development are as follows:

<https://www.youtube.com/watch?v=F6UWb9FNnj4>

<https://stackoverflow.com/questions/22882074/download-image-and-its-associated-info-through-qr-code-on-android-app>

<https://stackoverflow.com/questions/45967649/firebase-authentication-error-in-android>

<https://firebase.google.com/docs/auth/android/google-signin>

<https://developer.android.com/studio/write/firebase.html>

<https://firebase.google.com/docs/database/android/start/>

Yours sincerely,

Ramya Radhakrishnakumar, Sushant Sharma & Vinokkumar Uthayakumar  
Humber College  
School of Applied Tech

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