Meeting Minutes 1

Program/Area:	TechLauncher - Million Courseworks Students (19-S2-2-C Million)
Meeting Date:	31/07/2019
Meeting Time:	17:00 PM to 19:00 PM
Meeting Location:	Hancock Library Room 3.27
Meeting Facilitator:	Kundu Gui
Attendees:	Joseph Meltzer, Safeer, Kundu Gui, Sayed Zulfikar, Xiangyu Chen, Zifeng Liu, Rui Zhang, Yichen Li, Lingyu Xia
Minutes Issued By:	Sayed Zulfikar

Agenda:	PIC
1. Kick-Off Project	Joseph Meltzer
2. Project Overview presentation	Joseph Meltzer
3. Project Scope presentation	Joseph Meltzer
4. Installation and Live Demo	Joseph Meltzer
5. Q&A session	All members
6. Next meeting preparation	All members

Discussion: (Items/Knowledge Shared)

1. The project is a continuation from 2018 project called CourseAi.
2. Joseph explained about his experience in developing the project. He suggested the team to use slack (slack.com) as a communication tool, github (github.com) as a repository tool, and trello as a project management tool.
3. Joseph gave an insight that in the future, ANU wants the system (CourseAi) to get the data from ANU internal data instead of web crawling as of now.
4. The courseai system was online in the name of http://www.anuics.com, but currently offline because of some technical issues.
5. There are some bugs in the current system.
6. There is a missing feature in the current system where for some programs that have more than one major, the current system will automatically choose the first major option.
7. CourseAi use python with Django framework and ElasticSearch.
8. Joseph proposing the project scope as below:
   * Customisation interface for ANU staff

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           * GUI (Graphical User Interface) and CRUD (Create Read Update Delete) for courses, degrees, MMS (Major Minor Specialisation), year groups
              * Copy-paste features
              * Access control
           * Metrics for ANU staff
              * Enrolment predictions
              * Identify struggling students
           * Course recommendations
              * Postgraduate courses (and others)
              * Better recommendations from CECS data
           * Course/Degree Requirements + Data
              * Optional sections in Program Requirements
              * Improve data accuracy
              * Smarter course unit counting
              * MMS from different years
              * Colour coding (2 colours for FDD)
           * Suggested plans
              * Dynamically generate a plan when the ANU suggested plan is bad
              * Generation for Sem 2 starts
              * User-set parameters for generation
                * Overloading
                * Non-semester sessions
                * Include particular courses
                * Satisfy a MMS requirement
              * Show suggestions to user for possibly better plans
           * More course information
              * SELT review data
              * User ratings and comments
           * Plans and user accounts
              * Attach plans to user accounts
              * Access control for sharing plans
              * Share with ANU graduation staff
           * Mobile support (web or native)

9. Sayed proposed an idea to do the web crawling every day using a scheduler, but the client told him that it will not be a good idea since not all the programs are following the template thus they spent weeks to clean and fix the data.
10. Joseph showed how to run the system in local computer.
11. Safeer suggested the team to use Minimum Viable Product technique which are customisation interface for ANU staff, bugs fixing and addition of the missing feature.
12. The client is Joseph and Safeer.
13. Next meeting will be in the Hancock Library Room 3.29 at 5pm.