ECSE365L – Agile Software Development
Lab 02 – Identifying the Requirements

Software requirements are one of the initial phases of the development in the industry and hold importance (as customer needs are captured). In this assignment, you have to capture the needs of a Course Registration System (CRS). You are already familiar with how you accessed the system. This assignment will help you identify the requirements and helps to understand the complexity that goes behind building the system.
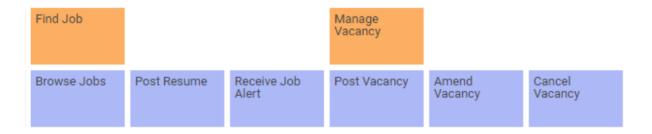
Following are some abstract requirements:

1. The CRS shall allow the new students to login and get registered every semester.
2. CRS shall check the eligibility criteria (think about it in different semesters from the orientation PPT) and only eligible students shall register for the next semester.
3. CRS shall allow modifying, updating, and deleting the details.
4. CRS shall send the registration application of the students to the administrator, HOD, and Staff.
5. CRS shall give an option to students to download their registration application.
6. CRS shall enable authorized people to retrieve the details of the students.
7. CRS shall store all the details of each student in a database.

These are high-level features/requirements that include multiple tasks within them (see figure below). Do not think about **how** it would be done (technical side). Think about **what** needs to be done and list them as tasks under for each

high-level requirement (you may create a new one based on the understanding from above).

A sample is from job application system is shown below:

Orange: High-level requirements, Blue: Details in a high-level requirement

Submit an MS Word file that contains your requirements and tasks as your assignment.

You may take more insights on the similar system from the links below:

https://bit.ly/2DJaHF5

https://bit.ly/2Cncpve