

B.Sc. (Hons) in Information Technology
IT2080 IT Project

Activity 02 - Requirements Engineering Activity

Objective: Identify the requirements of your system

1. Identify the stakeholders in your system and analyze them using an onion diagram.
2. List the Functional Requirements for the direct system users (in the innermost layer of the Onion diagram or main stakeholders).
3. List the related NFRs and analyze them user wise.
4. State the Technical requirements for the system
5. Model the requirements using a use case diagram
6. Write down the use case descriptions for 5 main use cases in the diagram
7. Develop suitable diagrams to show visual presentation of data flow, **the process Flow and Data Connections** to support the above (eg: system diagram, Flow chart, DFD)
8. Create a suitable plan to develop the project as a team.