

Lab-1

Course Title: Software Engineering and Information System **Design Lab (CSTE 3210)**

Lab Title: Introduction and requirement analysis

Contents of the Report **(one report per group)**

1. Cover page (containing project title, group no, student id with name)
2. Introduction (About the project)
 - a) Define project scope
 - b) Set objectives and goals
3. Defining requirements
 - a) Defining all requirements
 - b) Functional requirements
 - c) Non-functional requirements
4. Requirement analysis
 - a) Scenario based models
 - i. Use case diagram – including Actors (Primary and secondary actors)
 - ii. Use case description – 3 major use cases of your selected projects
 - b) Behavioral models
 - i. Activity diagram – for 2 major processes of your selected projects
 - ii. Sequence diagram – for other 2 major process of your selected projects
 - c) Flow models
 - i. Level 0 DFD
 - ii. Level 1 DFD

Regards,
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