**SE 201.3 - Systems Analysis and Design - Group Assignment**

**20.2/20.3 UGC**

**About this assignment:**

- In this assignment you are required to conduct a systems study for an information system initiative of an organization. You should suggest a solution for an MIS requirement at a client organization. Your solution should include new technologies such as cloud platforms and IOT other than just an ordinary system. Application of such new technologies in MIS domain will be discussed with you in upcoming workshops. (You are required **only to design the solution** using design diagrams and UI wireframes and please note that providing a developed system is out of scope for this assignment).

- Group members: 4-5 members per group
- **Fill your group members' details in the form given in LMS by 11th March 2022.**
- Mode of submissions: Upload softcopy to nlearn. **Only one member** (may be the group leader) from the group should make the submission.

**Milestones:**

- **Initial project proposal -** Submission deadline: March 18, 2022
  - Submission Content:
    - Background and objectives of the system
    - GANTT chart
  - Length: Maximum 02 pages

- **System Requirement Specification -** Submission deadline: April 22, 2022
  - Submission content:
    - Executive summary
    - Business objectives
    - Background
    - Scope of the system (including WBS)
    - Feasibility analysis
    - User requirements analysis
    - Graphical illustrations of the to be system design— you may use Use-case diagrams, Data Flow Diagrams, etc.
    - Necessary user interfaces that will meet the functional requirements (you may use wire frames or similar method for this purpose)
    - Database design (ER diagram)
    - System Architecture Diagram
    - Hardware & software specification

- **Project Viva –** Data will be announced in due course

**Note: Use the given cover page for every report submission.**


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## Group Assignment

*Add Report Title Here*

Submission Date: *Add Submission Date Here*

**Group Members**

*Add Group Members' Details Here*

*(Name, ID no)*