NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY

_____ DEPARTMENT

COURSE:

_____

TITLE:

_____

STUDENTS:

_____ (Roll no.)

TEACHER:

MUHAMMAD ALI KHAN

TASK

SHORT REPORT

BATCH

_____

Instructions:

- 6-7 members in each group
- Provide **in-text citation** where necessary in IEEE format to avoid plagiarism detection.
- Maximum **20% similarity index** is accepted, if it exceeds, then negative marking will be done
- You can add/delete/modify headings according to your project.
- Each heading must be divided among members. Write your surname & roll no. after heading: "Abstract (Khan, SE-001)."
- Your work & write-up should be equally divided. This will reflect your effective group management skills.
- The name of the document must be group name and roll no (Purple_SE 001, 005, 008, 045).
- **13-August-2020 is the last date to submit the report.**

Content *(for both the dept.)*

Headings

Abstract *(for both the dept.)*

Introduction *(for both the dept.)*

Objectives & Research Question *(for both the dept.)*

Statement of the problem/Market Needs/Research Gap *(for both the dept.)*

Requirement Engineering
- Stakeholder identification *(for both the dept.)*

- Requirements gathering (interviews/survey, background study etc). *(for both the dept.)*

- Selection of Software Development Life Cycle model (Agile, Waterfall, RAD, Spiral etc)

- Preparation of SRS (Software Requirement Specification)

Literature Review (6-7 Research Papers) *(for both the dept.)*
- Every member will provide summary of a research paper in max 200 words.
- Lastly, literature matrix will be provided of all research papers in the table given below.

Author & Date	Problem	Software/Tool	Result	Further Research

Software Design/Architecture
- Platform independent system design according to requirements, for example; use case diagram, data flow diagram, class diagram, state transition diagram etc.

- Risk identification/management. *(for both the dept.)*

Project Management
- Platform/technology selection. *(it can be for both the dept.)*

- Cost estimation (CoCoMo, experimental judgment, PERT etc).

- Human resource management (Task allocation to each member of the group). *(for both the dept.)*

- Time scheduling (Gantt chart). *(for both the dept.)*

Significance of Project *(for both the dept.)*

Recommendations *(for both the dept.)*

Conclusion *(for both the dept.)*

References (IEEE format) *(for both the dept.)*