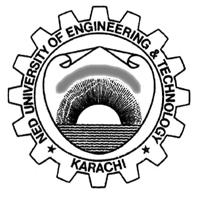
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**NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 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.) (Moiz)*

**Introduction** *(for both the dept.)(Mubashir)*

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

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

**Requirement Engineering**

* Stakeholder identification *(for both the dept.) ( Kabeer)*
* Requirements gathering (interviews/survey, background study etc). *(for both the dept.) (Kabeer)*
* Selection of Software Development Life Cycle model (Agile, Waterfall, RAD, Spiral etc) (Moiz)
* Preparation of SRS (Software Requirement Specification)(Kabeer)

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

**Project Management**

* Platform/technology selection. *(it can be for both the dept.)( Aneeq)*
* Cost estimation (CoCoMo, experimental judgment, PERT etc).((Aneeq)
* Human resource management (Task allocation to each member of the group). *(for both the dept.) (everyone)*
* Time scheduling (Gantt chart). *(for both the dept.) ( everyone)*

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

**Recommendations** *(for both the dept.) ( Ramizz)*

**Conclusion** *(for both the dept.) (Kabeer / Mubashir)*

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