

**School of Computing**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 21CSC303J**

**Course Name: Software Engineering and Project Management**

| **Experiment No** | 2 |
| --- | --- |
| **Title of Experiment** | Identification of Process Methodology and Stakeholder Description |
| **Name of the candidate** | Ponnuri Aniruddha |
| **Team Members** | Vamshi Gadde (RA2112704010017)  Y Shabanya Kishore (RA2112704010018) |
| **Register Number** | RA2112704010015 |
| **Date of Experiment** | 29/01/2024 |

**Mark Split Up**

| **S.No** | **Description** | **Maximum Mark** | **Mark Obtained** |
| --- | --- | --- | --- |
| 1 | Exercise | 5 |  |
| 2 | Viva | 5 |  |
| **Total** | | **10** |  |

**Staff Signature with date**

**Aim**

To identify the appropriate Process Model for the project and prepare Stakeholder and User Description.

**Team Members:**

| **S. No** | **Register No** | **Name** | **Role** |
| --- | --- | --- | --- |
| **1** | **RA2112704010015** | Ponnuri Aniruddha | **Rep/Member** |
| **2** | **RA2112704010018** | Y Shabanya Kishore | **Member** |
| **3** | **RA2112704010017** | Vamshi Gadde | **Member** |

**Project Title:**

**SRM RESEARCH HUB**

**Selection of Methodology (WaterFall Methodology):--**

* Well-defined Requirements: If the requirements for the SRM Research Hub are clear from the outset, with little expectation of change, the Waterfall model allows for a systematic progression through the stages of development.
* Sequential Phases: The Waterfall model's sequential nature – with distinct phases for requirements gathering, design, implementation, verification, and maintenance – ensures that each phase can be completed and reviewed for quality before moving on to the next.
* Documentation and Rigor: This model emphasizes rigorous documentation and adherence to initial plans, which can be beneficial for aligning with institutional policies and maintaining clarity of purpose throughout the project lifecycle.
* Stakeholder Communications: It can be easier to communicate progress to stakeholders with a Waterfall approach because the project is divided into distinct stages with concrete deliverables at the end of each phase.
* Resource Planning: The Waterfall model allows for more predictable resource allocation and scheduling since each phase is planned in detail at the start of the project.

Incorporate information to below table regarding stakeholders of the project [Make use of below examples]

| Stakeholder Name | Activity/ Area /Phase | Interest | Influence | Priority (High/ Medium/ Low) |
| --- | --- | --- | --- | --- |
| Researchers | Access to latest research papers | High | Low | Medium |
| Students | Access to educational resources | High | High | High |
| Faculty Members | Research dissemination and collaboration | High | High | High |
| External Researchers | Access to SRMIST research papers | High | Low | Low |

Result:

Thus the Project Methodology was identified and the stakeholders were described.