# Introduction to Analysis

# Analysis Methodology

# Feasibility Study

# Software Requirement Specification

## Functional Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Req.ID | Title | Description | Purpose | Dependences |
| FR1 | User Authentication |  |  |  |
| FR2 | Add course |  |  |  |
| FR3 | Update course |  |  |  |
| FR4 | Delete course |  |  |  |
| FR5 | Display available course |  |  |  |
| FR6 | Post comments on course |  |  |  |
| FR7 | Update comment |  |  |  |
| FR8 | Delete comment |  |  |  |
| FR9 | View comment |  |  |  |
| FR10 | Create user profile |  |  |  |
| FR11 | Delete user profile |  |  |  |
| FR12 | Edit user profile |  |  |  |
| FR13 | Display user details |  |  |  |
| FR14 | Mark course as completed |  |  |  |
| FR15 | Unmark course as completed |  |  |  |
| FR16 | Post blog status |  |  |  |
| FR17 | Update blog status |  |  |  |
| FR18 | View blog status |  |  |  |
| FR19 | Delete blog status |  |  |  |
| FR20 | Repot issues |  |  |  |
| FR21 | View reported issues |  |  |  |
| FR22 | Delete reported issues |  |  |  |
| FR23 | Post feedbacks |  |  |  |
| FR24 | View posted feedback |  |  |  |
| FR25 | Delete posted feedback |  |  |  |
| FR26 | Add contact information |  |  |  |
| FR27 | View contact information |  |  |  |
| FR28 | Delete contact information |  |  |  |
| FR29 | Request courses |  |  |  |
| FR30 | View requested courses |  |  |  |
| FR31 | Delete requested courses |  |  |  |

## Non-Functional Requirements

|  |  |  |
| --- | --- | --- |
| Req.ID | Category | Description |
| NFR1 | Modifiability |  |
| NFR2 | Interface |  |
| NFR3 | Usability |  |
| NFR4 | Flexibility |  |
| NFR5 | Interoperability |  |
| NFR6 | Security |  |
| NFR7 | Performance |  |
| NFR8 | Data integrity |  |
| NFR9 | Modularity |  |
| NFR10 | Scalability |  |
| NFR11 | Load and Concurrency |  |

## Moscow Prioritization

