7.1 Activities

|  |  |
| --- | --- |
| Research | |
| Description | Research for technologies in use (eg: frameworks, design patterns, design specifications etc). Requirements research (eg: classrooms, requisites, professors). |
| Artifacts | 15, 26 |

|  |  |
| --- | --- |
| Discussion | |
| Description | Multiple weekly meetings (in person and online). Assigning various tasks to team members and discussing solutions and approaches to our application. |
| Artifacts | 1, 2, 4, 5, 12, 13, 28 |

|  |  |
| --- | --- |
| Planning & Designing | |
| Description | Planning out how to implement the application design (eg: drawing database architecture, domain model, uml diagrams, frontend design, dynamic design scenarios etc.) |
| Artifacts | 1, 3, 4, 5, 20, 21 |

|  |  |
| --- | --- |
| Technical Configuration | |
| Description | Setting up our framework, version control, slack communication, google drive. Setting up the frontend and backend communication. Setting up the database. |
| Artifacts | 6, 7, |

|  |  |
| --- | --- |
| Data Input | |
| Description | Extracting course information and inputting course data into the database. |
| Artifacts | 9, |

|  |  |
| --- | --- |
| Implementation | |
| Description | Importing the framework modules. Creating RESTful API. Implementing all features. |
| Artifacts | 10, 14, 18, 19, |

|  |  |
| --- | --- |
| Testing & Debugging | |
| Description | Creating a test plan. Testing application for functionality and checking if features are working correctly. Verifying bugs are fixed. |
| Artifacts | 23, 24, |

|  |  |
| --- | --- |
| Documentation | |
| Description | Documenting all planning, specifications, design, and issues encountered. Creating the user manual. Documenting source code. |
| Artifacts | 3, 8, 11, 16, 17, 20, 22, 25, 27, 28 |