**T.Y. B. Tech.**

**CS 303: Software Engineering Laboratory**

Assignment No: 4

**Feasibility Study Report**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Group Information | | | |
| Roll. No. | **Gr. No.** | **Name** | **Roles** |
|  |  |  |  |
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**Approved By:**

**Academic Year: 2017-18 Semester: I**

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# INTRODUCTION

*This section provides the purpose of the feasibility study, the background of the proposed project, the methodology used for performing the study, and any reference materials used in conducting the feasibility study.*

*Feasibility may not be an issue for some small software development projects. A full-scale feasibility study is not required when feasibility is obvious. If the proposed project has clear-cut requirements, will be developed on an existing platform, and has minimal risks associated with it, a feasibility review may be all that is necessary. If a feasibility review is conducted in place of a full-scale study, the information in this work product may be reduced to a feasibility statement.*

|  |  |
| --- | --- |
| Item | Description |
| Scope of Study | Background discussion of the project |
| Audiences | Who would refer to this study? |
| Project Type | Whether the project is Small Scale / Medium Scale? |
| Platform Details | Existing Platforms / New Technology Usage |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Small Projects** | **Medium Projects** | **Large Projects** |
| http://www.mpmm.com/images/initiation-vertical.gif | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Establish Terms of Reference | | http://www.mpmm.com/images/lil-grey-square.gif | Appoint the Project Team | | http://www.mpmm.com/images/lil-grey-square.gif | Set Up the Project Office | | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Develop a Business Case | | http://www.mpmm.com/images/lil-grey-square.gif | Establish Terms of Reference | | http://www.mpmm.com/images/lil-grey-square.gif | Appoint the Project Team | | http://www.mpmm.com/images/lil-grey-square.gif | Set Up the Project Office | | http://www.mpmm.com/images/lil-grey-square.gif | Perform a Phase Review | | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Develop a Business Case | | http://www.mpmm.com/images/lil-grey-square.gif | Undertake a Feasibility Study | | http://www.mpmm.com/images/lil-grey-square.gif | Establish Terms of Reference | | http://www.mpmm.com/images/lil-grey-square.gif | Appoint the Project Team | | http://www.mpmm.com/images/lil-grey-square.gif | Set Up the Project Office | | http://www.mpmm.com/images/lil-grey-square.gif | Perform a Phase Review | |
| http://www.mpmm.com/images/planning-vertical.gif | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Project Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Quality Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Communications Plan | | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Project Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Quality Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Risk Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Communications Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Contract Suppliers | | http://www.mpmm.com/images/lil-grey-square.gif | Perform a Phase Review | | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Project / Resource Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Financial Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Quality / Risk Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Create an Acceptance Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Communications Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Create a Procurement Plan | | http://www.mpmm.com/images/lil-grey-square.gif | Issue a Statement of Work | | http://www.mpmm.com/images/lil-grey-square.gif | Issue a Request for Information | | http://www.mpmm.com/images/lil-grey-square.gif | Issue a Request for Proposal | | http://www.mpmm.com/images/lil-grey-square.gif | Negotiate Supplier Contracts | | http://www.mpmm.com/images/lil-grey-square.gif | Perform a Phase Review | |
| http://www.mpmm.com/images/execution-vertical.gif | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Build Deliverables | | http://www.mpmm.com/images/lil-grey-square.gif | Monitor and Control | | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Build Deliverables | | http://www.mpmm.com/images/lil-grey-square.gif | Monitor and Control | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Time Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Cost Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Quality Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Change Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Risk Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Issue Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Communications Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform a Phase Review | | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Build Deliverables | | http://www.mpmm.com/images/lil-grey-square.gif | Monitor and Control | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Time /Cost Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Quality Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Change Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Risk Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Issue Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Procurement Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Acceptance Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Communications Management | | http://www.mpmm.com/images/lil-grey-square.gif | Perform a Phase Review | |
| http://www.mpmm.com/images/closure-vertical.gif | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Project Closure | | http://www.mpmm.com/images/lil-grey-square.gif | Review Project Completion | | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Project Closure | | http://www.mpmm.com/images/lil-grey-square.gif | Document with Project Closure Report | | http://www.mpmm.com/images/lil-grey-square.gif | Complete Project Closure Actions | | http://www.mpmm.com/images/lil-grey-square.gif | Review Project Completion | | |  |  | | --- | --- | | http://www.mpmm.com/images/lil-grey-square.gif | Perform Project Closure | | http://www.mpmm.com/images/lil-grey-square.gif | Document Project Closure Report | | http://www.mpmm.com/images/lil-grey-square.gif | Complete Project Closure Actions | | http://www.mpmm.com/images/lil-grey-square.gif | Review Project Completion | | http://www.mpmm.com/images/lil-grey-square.gif | Undertake Post-Implementation Review | |

# DESCRIPTION OF SERVICES

*This section provides a high level description of the services which are being considered as past of the feasibility study. The purpose of this section is to provide detailed descriptions of exactly what the organization is considering so this information can be applied to the following sections of the document. It is important that this description captures the most important aspects of the products and/or services that the organization is considering as well as how it may benefit customers and the organization.*

|  |  |  |  |
| --- | --- | --- | --- |
| Service -ID | Service Name | Audience | Scope |
| S-1 |  | Customer |  |
| S-2 |  | User |  |
| S-3 |  | Stakeholder |  |
| S-4 |  |  |  |
| S-5 |  |  |  |
| S-6 |  |  |  |
| S-7 |  |  |  |

# TECHNOLOGY CONSIDERATIONS

*This section should explain any considerations the organization must make with regards to technology. Many new initiatives rely on technology to manage or monitor various business functions. New technology may be developed internally or contracted through a service provider and always result in costs which must be weighed in determining the path forward.*

|  |  |  |
| --- | --- | --- |
| Current Technology | | |
| Type | **Parameter** | **Description** |
| Hardware |  |  |
|  |  |  |
|  |  |  |
| Software |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| Deployment Technology | | |
| Type | **Parameter** | **Description** |
| Hardware |  |  |
|  |  |  |
|  |  |  |
| Software |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# FEASIBILITY STUDY RESULTS

*<Describe the results of the study including the following:*

*• Describe the option*

*• Describe the assessment process followed and the methodology used*

*• Describe the results, including both the expected and unexpected one*

|  |  |  |  |
| --- | --- | --- | --- |
| Option | Outcome | Ranking | Discussion |
| Option-1 | Expected | H/M/L |  |
|  | Unexpected | H/M/L |  |
| Option-2 | Expected | H/M/L |  |
|  | Unexpected | H/M/L |  |
| Option-3 | Expected | H/M/L |  |
|  | Unexpected | H/M/L |  |
| Option-4 | Expected | H/M/L |  |
|  | Unexpected | H/M/L |  |

# REFERENCES