**Learning web hub application**

**Project Plan**

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**INTRODUCTION**

**Purpose of Plan**

Learning hub is web application that act as an online free website hosting tons of articles, so users can explore and receive knowledge in different categories, users also can share their knowledge, they can publish article, upload video and record voice

**GOALS AND OBJECTIVES**

**Project Goals and Objectives**

The objective and the Goal of the project, is to allow users to share their knowledge easily and can publish article, upload video and record voice, explore and receive knowledge in different categories and allow user to rate other article ,user can get a notifications on the website and user can rate other users article

**SCOPE**

**Scope Definition**

* User able to Login and Register in websites
* Making an online web application based on Chrome & Firefox browser on windows operating system
* The application support the English language only
* The application have only one admin who accepts or rejects the articles
* The audio format must be mp3 format to be uploaded and the videos format is gg mp4 only
* Users can rate other user articles , user can publish article, upload video and record voice

**Risk Assessment**

Click-on the link

**Initial Project Risk Assessment**

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk** | **Risk Level**  **L/M/H** | **Likelihood of Event** | **Mitigation Strategy** |
| **Project Size** |  |  |  |
| Person Hours | **H:** Over 20,000 | **Certainty** | Assigned Project Manager, engaged consultant, comprehensive project management approach and communications plan |
| Estimated Project Schedule | **H:** Over 12 months | **Certainty** | Created comprehensive project timeline with frequent baseline reviews |
| Team Size at Peak | **H:** Over 15 members | **Certainty** | Comprehensive communications plan, frequent meetings, tight project management oversight |
| Number of Interfaces to Existing Systems Affected | **H:** Over 3 | **Certainty** | Develop interface control document immediately |
| **Project Definition** |  |  |  |
| Narrow Knowledge Level of Users | **M:** Knowledgeable of user area only | **Likely** | Assigned Project Manager(s) to assess global implications |
| Available documentation clouds establishment of baseline | **M:** More than 75% complete/current | **Likely** | Balance of information to be gathered by consultant |
| Project Scope Creep | **L:** Scope generally defined, subject to revision | **Unlikely** | Scope initially defined in project plan, reviewed monthly by three groups (Project Manager and Steering Committee) to prevent undetected scope creep |
| Consultant Project Deliverables unclear | **L:** Well defined | **Unlikely** | Included in project plan, subject to amendment |
| Vendor Project Deliverables | **M:** Estimated, not clearly defined | **Somewhat likely** | Included in project plan, subject to amendment |
| Cost Estimates Unrealistic | **L**: Thoroughly predicted by industry experts using proven practices to 15% margin of error | **Unlikely** | Included in project plan, subject to amendment as new details regarding project scope are revealed |
| Timeline Estimates Unrealistic | **M:** Timeline assumes no derailment | **Somewhat likely** | Timeline reviewed monthly by three groups (Project Manager and Steering Committee) to prevent undetected timeline departures |
| Number of Team Members Unknowledgeable of Business | **L**: Team well versed in business operations impacted by technology | **Unlikely** | Project Manager and consultant to identify knowledge gaps and provide training, as necessary |
| **Project Leadership** |  |  |  |
| Steering Committee existence | **L:** Identified and enthusiastic | **Unlikely** | Frequently seek feedback to ensure continued support |
| Absence of Commitment Level/Attitude of Management | **L:** Understands value & supports project | **Unlikely** | Frequently seek feedback to ensure continued support |
| Absence of Commitment Level/Attitude of Users | **L:** Understands value & supports project | **Unlikely** | Frequently seek feedback to ensure continued support |
| Absence of Mid-Management Commitment | **L:** Most understand value & support project | **Unlikely** | Frequently seek feedback to ensure continued support |
| **Project Staffing** |  |  |  |
| Project Team Availability | **M:** Distributed team makes availability questionable | **Somewhat likely** | Continuous review of project momentum by all levels. Consultant to identify any impacts caused by unavailability. If necessary, increase commitment by participants to full time status |
| Physical Location of Team prevents effective management | **M:** Team is dispersed among several sites | **Likely** | Use of Intranet project website, comprehensive Communications Plan |
| Project Team’s Shared Work Experience creates poor working relationship | **M:** Some have worked together before | **Somewhat likely** | Comprehensive Communications Plan |
| Weak User Participation on Project Team | **L:** Users are part-time team members | **Unlikely** | User Group Participants coordinated by full time employee |
| **Project Management** |  |  |  |
| Procurement  Methodology Used foreign to team | **L:** Procurement Methodology familiar to team | **Unlikely** | N/A |
| Change Management Procedures undefined | **L:** Well-defined | **Unlikely** | N/A |
| Quality Management Procedures unclear | **L:** Well-defined and accepted | **Unlikely** | N/A |
| **Software Vendor** |  |  |  |
| Number of Times Team Has Done Prior Work with Vendor Creates Foreign Relationship | **H:** Never | **Certainty** | A comprehensive vendor evaluation and selection process (incorporated into Project Plan) will be employed to predict and define the relationship between the department and the vendor |
| Team’s Lack of Knowledge of Package | **M:** Conceptual understanding | **Somewhat likely** | Comprehensive vendor evaluation and selection process incorporated into Project Plan will assist the team in better understanding the package offering(s) |
| Poor Functional Match of Package to Initial System Requirements | **L:** Minimal customization required | **Unlikely** | Although a package has not yet been selected, the Consultant has compared the initial requirements with available functionality and determined that a functional match to the initial requirements is very likely. Vendor selection will be based, in part, on how well the proposed application matches defined functional specifications. |
| Team’s Involvement in Package Selection Impacts Success of Implementation | **L:** High involvement in selection | **Unlikely** | Comprehensive vendor evaluation and selection process incorporated into Project Plan |
|  |  |  |  |

**Milestones**

|  |  |  |
| --- | --- | --- |
| **Milestone** | **Description** | **Delivery Date** |
| First Milestone | 1-project plan Document  2- SRs Document  3-SIQ Sheet  4-CM tool  5- Project Schedule  6-Risk sheet  7-Issues sheet  8-RTM  9-SRS PR sheet | 4/5/2019 |
| Second Milestone |  |  |
| Third Milestone |  |  |
|  |  |  |

**ASSUMPTIONS**

**Project Assumptions**

* The project will not change in scope
* The project don not have DE scope
* The resources identified will be available upon request
* The system can accept 10 users
* The system have 4 categories that are displayed for the user

**CONSTRAINTS**

**Project Constraints**

* The project must work on chrome or firefox only
* Must run project on one laptop since client server change from laptop to another when we create the database
* Staff must complete the project within normal working hours
* limited time of the iteration
* Unique user ID

**PROJECT MANAGEMENT APPROACH**

**Project Timeline**

Click-on the link

**Project Roles and Responsibilities**

Click-on the link

**Issue Management**

Click-on the link

**APPROVALS**

**Sign-off Sheet**

***I have read the above Project Plan and will abide by its terms and conditions and pledge my full commitment and support for the Project Plan.***

**Project Manager:**

Date

**Steering Committee:**

Date