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PMO

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January 7, 2021

Abstract

Effective technical support and management is required for success of large scale projects. PMO is a management tool which provides scheduling and monitoring capabilities. However their are many tasks which can be performed by human beings but their should be a tool that can supports these tasks so for that we are developing this management tool. The main tasks that Management Tool supports are Progress View, Work Packages, Meeting Management, Agile Boards, Attribute Highlighting, Full Text Search for work packages attachments, multi-select custom fields, List View Projects, Portfolios.

Progress generation is supported using knowledge base consisting of activities and constituent relationship between activities in domain of project. This will show progress of project, we can check whether a project is on track or off track or whether it is at risk. It gives a clear view of incomplete, complete or overdue tasks. We will set a status reminder and can update the project status. Work package captures significant information & that information will be assigned to project members for execution these packages includes tasks, risks, user stories, features, bugs and change requests. Timeline will show project and task deadlines to help us to plan our work in a better way. We can see schedules & hit deadlines. Meeting Management module is responsible to manage & document our project meetings at one place. We can prepare a agenda with our team, create document & share meeting time our meeting attendees at one place & that will be a central place for all. Project Management Tool makes time tracking process easy. In agile boards we can provide stories, prioritize a sprint backlog & track tasks. Using attribute highlighting we can highlight the work package status, priority & finish data that is based on their values. Status will be highlighted and prioritize it using custom colors. It will highlight work package rows based on chosen priority. If any project is completed then the finished date will be highlighted automatically. Over due dates will be highlighted in red and those task which are due on current day will be highlighted in orange color. Using full text search we can quickly find work package attachments either searched by their content or its file name which saves our time & effort. Using multi custom fields we can create our own custom attributes this will allow us to set and filter for multiple values at once. List view module will display a list of all project tasks that are completed or in process. Portfolios provides a view of all our significant projects in one place.

Table of Contents

Introduction 11

1. Motivation 11
2. Project Background 11
3. Problem Statement 11
4. Objectives 12
5. Scope 12

Literature Review 13

1. Project Management Tools 13

1.1 Open Project 13

1.2 Jira 13

2. Limitations of current Tools 14

2.1 Open project 14

2.2 Jira 14

2.3 Asana 14

2.4 Proposed Solution to Problem 14

2.5 How is it different from the current Project Management Tools 14

3. Advantages of PMO 15

Requirement Specifications 16

Interface Requirement 16

3.1.1 Hardware Requirements 17

3.1.2 Software Requirements 17

3.2 Functional Requirements 18

3.2.1 Sign-up 18

3.2.2 Login 18

3.2.3 Agile Boards 18

3.2.4 Attribute Highlighting 18

3.2.5 Full Text Search for work packages attachments: .... Error! Bookmark not defined.

3.2.6 Multi select Custom Fields 18

3.2.7 List View Projects 18

3.2.8 View Projects 18

3.2.9 Add Tasks 18

3.2.10 Chats 18

3.2.11 Notifications 19

3.3 Non Functional Requirements 19

3.3.1 Reliability 19

3.3.2 Security 19

3.4 Database Requirements 19

3.5 Use Case Diagrams 20

3.5.1 Individual Use Case 20

3.5.2 System Use Case 31

Design 32

4.1 System Architecture 32

4.2 Design Approach 32

4.3 Design Constraints 33

4.4 Design Methodology 33

4.5 High Level Design 34

4.6 Low Level Design 38

4.7 Database Design 39

4.8 Libraries 40

4.9 Methodology 41

4.10 Class Diagram 41

4.11 Entity Relationship Diagram 42

42

4.12 Sequence Diagram 43

System Implementation 47

1.1 System Architecture 47

1.2 Tools and Technology Used 47

1.2.1 Visual Studio Code 47

1.2.2 MongoDB Compass 47

1.3 Development Environment/ Languages Used 47

1.3.1 Angular JS 47

1.3.2 Node.JS 48

System Testing and Evaluation 49

6.1 Test Strategies 49

6.1.1 Unit Testing 49

6.1.2 Component Testing 49

6.1.3 Integrated Testing 49

6.1.4 System Testing 49

6.2 Test Cases 50

- Test Case: Login 50
- Test Case: Register 50
- Test Case: Add New Project 51
- Test Case: Add New Task 51
- Test Case: Edit Project 52
- Test Case: Delete Project 52
- Test Case: Forgot Password 52

- Test Case: Teams Setting 53
- Test Case: Personal Settings 53

Conclusions 54

7.1 Conclusion 54

7.2 Future Scope 54

Bibliography 55