

Index

Sr. No	Topics	Page No.
1.	Introduction 1.1 Project Profile	2
2.	Existing System 2.1 Scope 2.2 Objective 2.3 Advantages 2.4 Limitation	4
3.	Environment Specification 3.1 Hardware & Software Requirements	10
4.	System Planning 4.1 Feasibility Study	12
5.	System Analysis and Modelling 5.1 SRS 5.2 UML Diagram 5.2.1 Use Case Diagram 5.2.2 Class Diagram 5.3 E-R Diagram 5.4 Data Flow Diagram 5.5 Process Specifications 5.6 Data Dictionary	14
6.	Software Design 6.1 Database Design (Table Design) 6.2 Interface Design (page snapshots)	46
7.	Testing	73
8.	Future Enhancement	75
9.	References	76

1. Introduction

Task Organizer is a task management tool used by an organization to complete projects efficiently by organizing and prioritizing related tasks.

Task management may form part of project management and process management and can serve as the foundation for efficient workflow in an organization. Project managers adhering to task-oriented management have a detailed and up-to-date project schedule, and are usually good at directing team members and moving the project forward.

It helps all users like Project Manager, Team Leader and Developer to check what needs to be done, making it easier for them to complete their work, track their Progress and take action to improve it.

1.1 Project Profile

Project Name	Task Organizer
Technology	ASP.NET 6 MVC 5,SQL SERVER 2019,JQuery,AJAX
Other Tools	BOOTSTRAP 5,HTML 5 & CSS 3
Front End	.NET CORE 6.0 MVC 5
Back End	SQL SERVER 2019
Project Category	Web Application
Project Members	3
Internal Project Guide	Ms. Lissa John Dr. Parul Patel Dr. Veena Jokhakar
External Project Guide	Ziya Godil
Submitted By	Ms. Mansi Modi Ms. Nirali Pardeshi Ms. Nisha Patel
Submitted To	Department of I.C.T, VNSGU

2. EXISTING SYSTEM

2.1 Scope:

- In our System we have 4 types of User like Admin, Project Manager, Team Leader and Developer.

Admin :

- Admin has all features like Register User, Add Project and Add Project Member and assign tasks to any other type of User.
- He/she can see all projects which are created by him, see all members of a project with different project roles and see all member progress.
- He/she can also see all users in the whole system and see their profile and also update their profile.
- He/she can see the calendar according to all projects, start date and end date wise.
- He/she can search User, Member and Task by their name.



● Other Users :

- After login User can see all projects which are assigned to him/her with different roles.

● Project Manager :

- After clicking on a project, he/she can see the dashboard of a particular project and see project details.
- He/she can see their all task in 4 type of Status like Pending, On Progress, Completed and Reassign.
- Can go through Kanban and change the status of tasks easily with drag and drop tasks.
- Can view Calendar of tasks of particular project by Day, Week and Month wise.
- He/she adds tasks to a particular project which assign to him/her.
- He/she updates the profile of his/her.

- **Team Leader :**

- After clicking on a project, he/she can see the dashboard of a particular project and see project details.
- He/she can see their all task in 4 type of Status like Pending, On Progress, Completed and Reassign.
- With the Kanban board, He/she can change the status of tasks easily with drag and drop tasks.
- He/she can Add, Update and Delete tasks and assign them to their selves or developer.
- He/she uses a calendar for keeping track of upcoming deadlines of tasks.
- He/she can update his/her profile.

- **Developer :**

- After clicking on a project, he/she can see the dashboard of a particular project.
- He/she can see their all task in 4 type of Status like Pending, On Progress, Completed and Reassign.
- Can go through Kanban and change the status of tasks easily with drag and drop tasks.
- He/she uses a calendar for keeping track of upcoming deadlines of tasks.
- He/she can update his/her profile.

2.2 Objective:

- The main objective of Task Organizer is to achieve project goals and targets while keeping in mind the project scope, time, quality, and cost.
- Organization can track projects while viewing assigned tasks to Project Manager, Team Leader and developer according to deadlines.
- Users can keep tracking their all tasks and progress, they can take steps to improve their work efficiency.
- Organization can see progress of each User.
- The Task Organizer provides an easy way of controlling projects.

2.3 Advantages:

- Applying easy environment to manage project. Make Task Prioritization Easier.
- Access Data from Anywhere Anytime.
- Keep an Eye across All Tasks.
- Make Task Delegation Easy.
- Improve Team Collaboration.
- Track Time Spent On Projects.
- Process of monitoring project's tasks through their various stages from start to finish is effortless.
- Organize, prioritize and assign tasks.

2.4 Limitations:

- Any Task have only one file as Attachment.
- Admin can't able to delete User, Member and project.
- No Notification for Update Task, User profile and Project.
- Due date of task should be lesser than project's due date.
- No changes in dashboard while overdue of project.
- Dashboard's progress bar's background colour will be changed when due date of project arrived.
- Admin can't delete users or members.

3. Environment Specification

3.1 Hardware & Software Requirements

- Hardware Requirement**

Processor	1ghz processor
Hard Disk	20 GB SYSTEM DRIVE
Ram	4 GB

- Software Requirement**

Operating System	Windows or any equivalent OS
Web Browser	Chrome or any alternative
Software	Microsoft Visual Studio 2022,SQL server 2018-19

3.2 Tools And Technology

ASP.NET MVC CORE 6.0

- The ASP.NET MVC framework provides an alternative to the ASP.NET web forms pattern for creating web applications. The ASP.NET MVC framework is a lightweight, highly testable presentation framework that (as with Web Forms-based applications) is integrated with existing ASP.NET features, such as master pages and membership-based authentication. The MVC framework is defined in the System.Web.Mvc assembly.

SQL Server 2019

- Store enterprise data in a data lake and offer SQL and Spark query capability overall data
- Reduce the need for Extract, Transform, and Load (ETL) applications by eliminating data movement
- Integrate and secure machine learning applications with scalable performance
- Reduce the need for application and query changes to gain a boost in performance.

4. System Planning

4.1 Feasibility Study

❖ Operational feasibility

- Managing of project
- Admin can manage project and go through project's progress.
- Easily managed by admin and other users.
- No need to give any training.

❖ Technical Feasibility

- Minimum system required for admin and other user is computer connected with internet with compatible browser.
- The software and hardware to run my project and usage is given below.

- Tools/platform used is:

- Database: SQL SERVER 2018-19
- Platform used: Windows 10
- Framework: .net core 6.0 MVC 5

- S/W Requirement specification :
 - Visual studio 2022
 - SQL Server 2018-19
- H/W requirement specification :
 - Processor : 1ghz processor
 - RAM : 4 GB
 - HDD : 20 GB System Drive

5. System Analysis and Modelling

5.1 SRS

Functional Requirement

□ Registration

- First the admin have to register/sign up.
- Admin needs to register other users as well.

□ Login

- All Users can login with username and Password which is provided by admin.

□ Forgot password

- All users can change their password.

□ Manage Profile

- All users can change their profile.

All Project

- Admin can see all project and edit created by admin.
- Other all users see all project which assign to them
- Search project

Create Project

- Admin can create project.

All Member

- Admin can see all member of selected project.
- Search member

Add Member

- Admin can add member in project

All User

- Admin can see all user and see and update user profile
- Search User

Dashboard

- Admin can see all member dashboard of selected project.
- All other user can see their dashboard of selected project.

Board

- All other user can see their all tasks of selected project in Kanban Board different type of status.
- Users can Update task Status through drag-drop.
- Users can update and delete task.
- Search task

Add Task

- Admin ,Project Manager and Team Leader can add(assign) task
- Attach ant one file in task

Calendar

- Admin can see all project Calendar
- All user can see task calendar

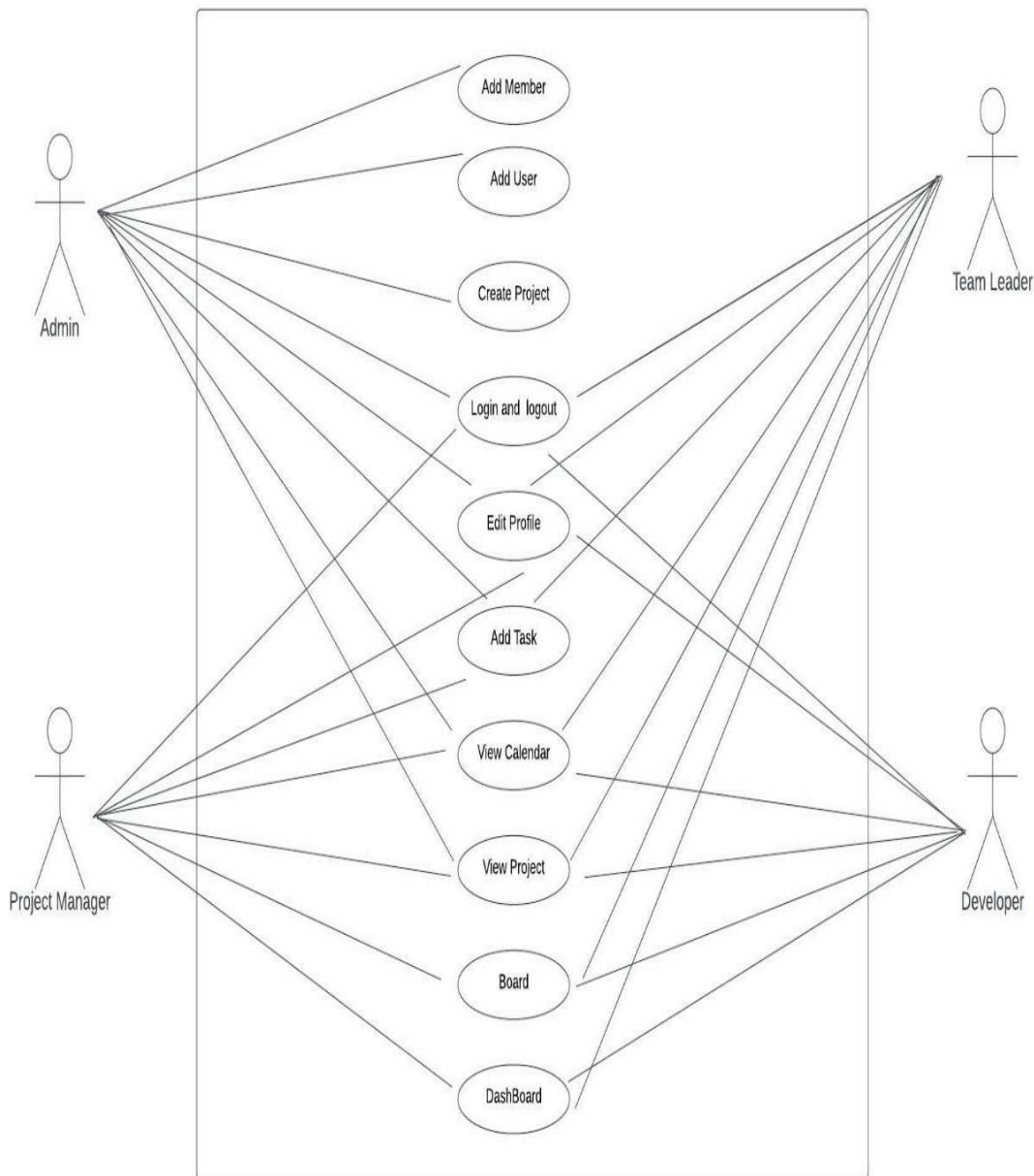


Non-Functional Requirement

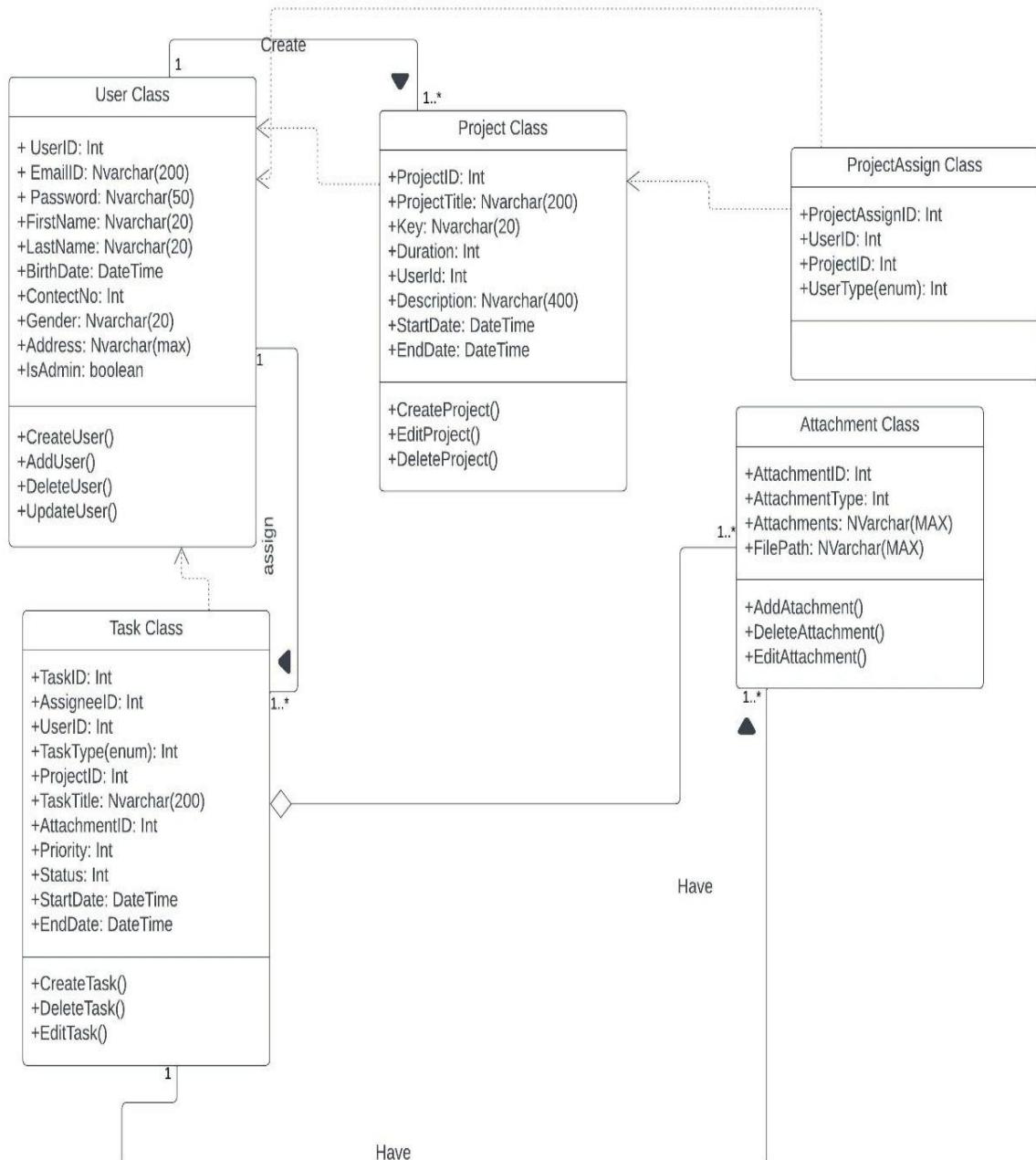
- Availability Requirement
- Performance Requirement
- Usability Requirement

5.2 UML Diagram

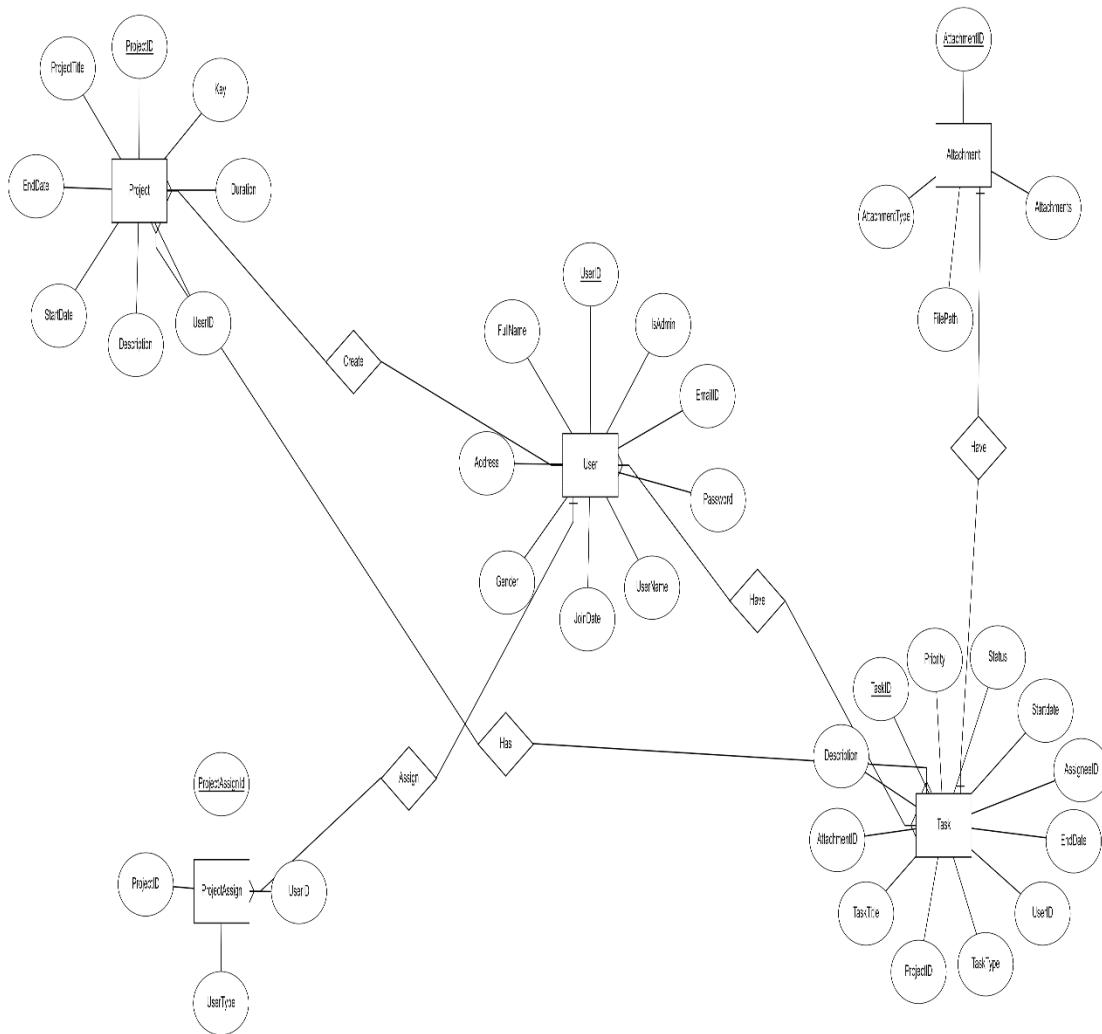
5.2.1 Use Case Diagram



5.2.2 Class Diagram

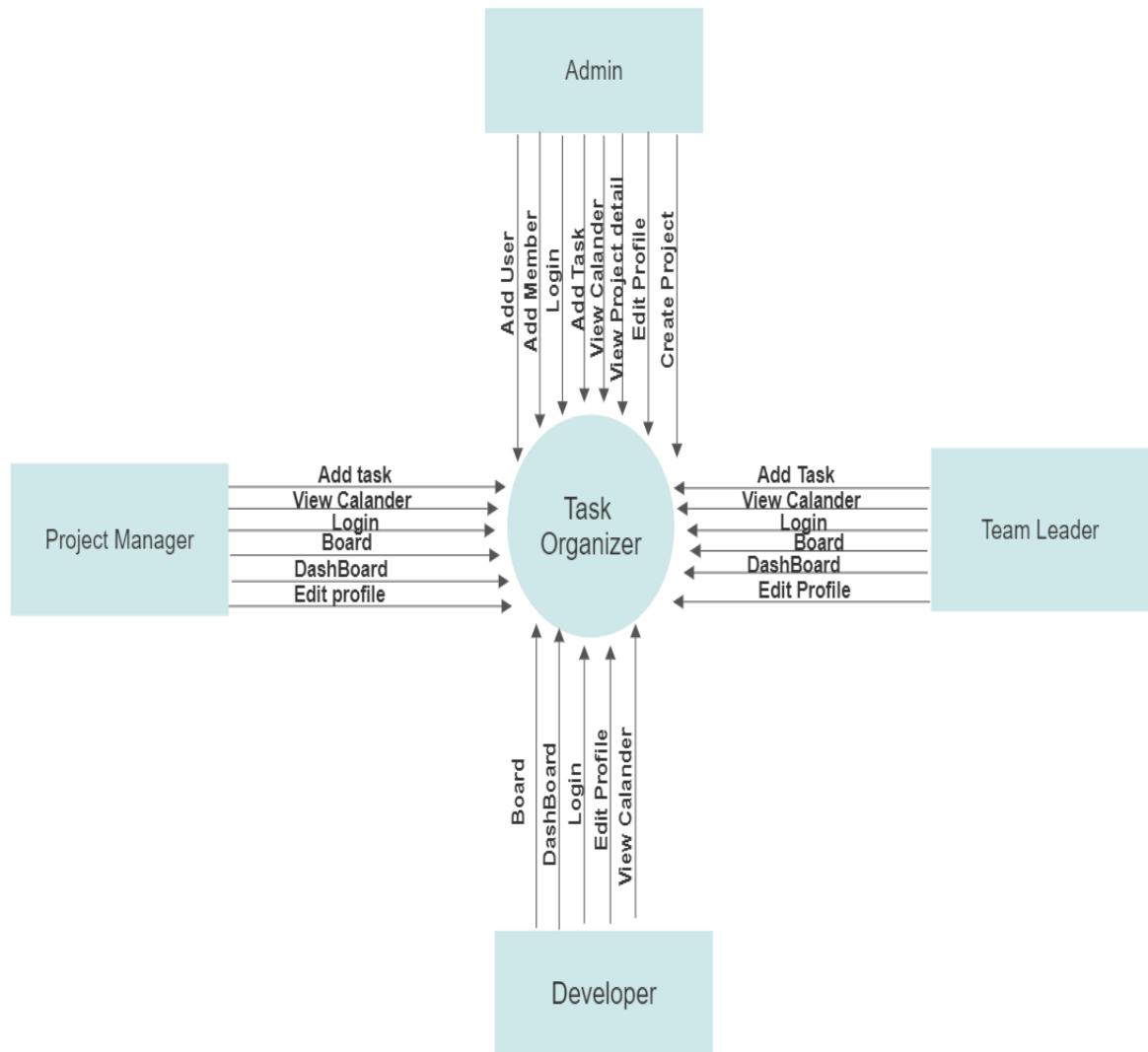


5.3 E-R Diagram

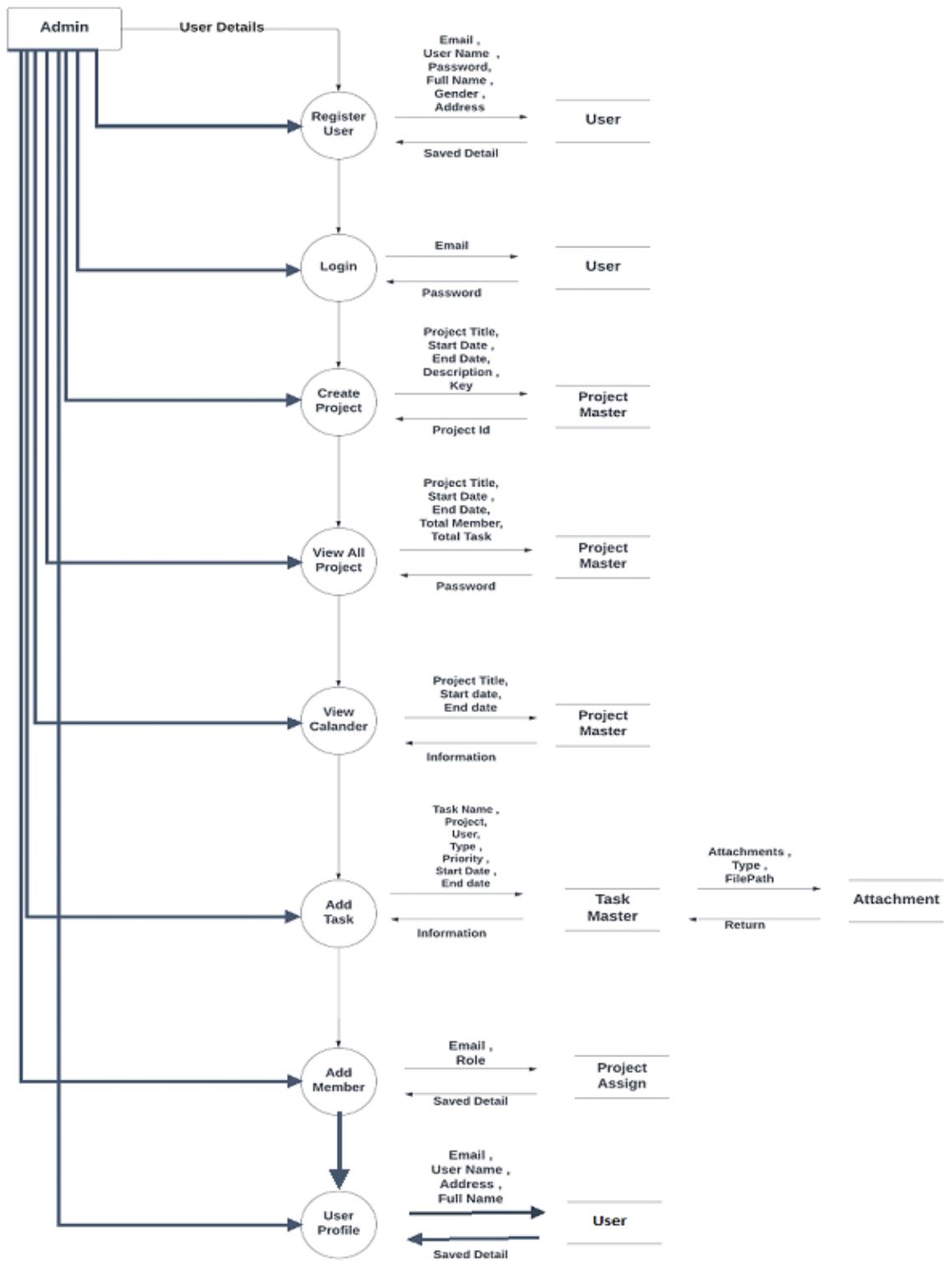


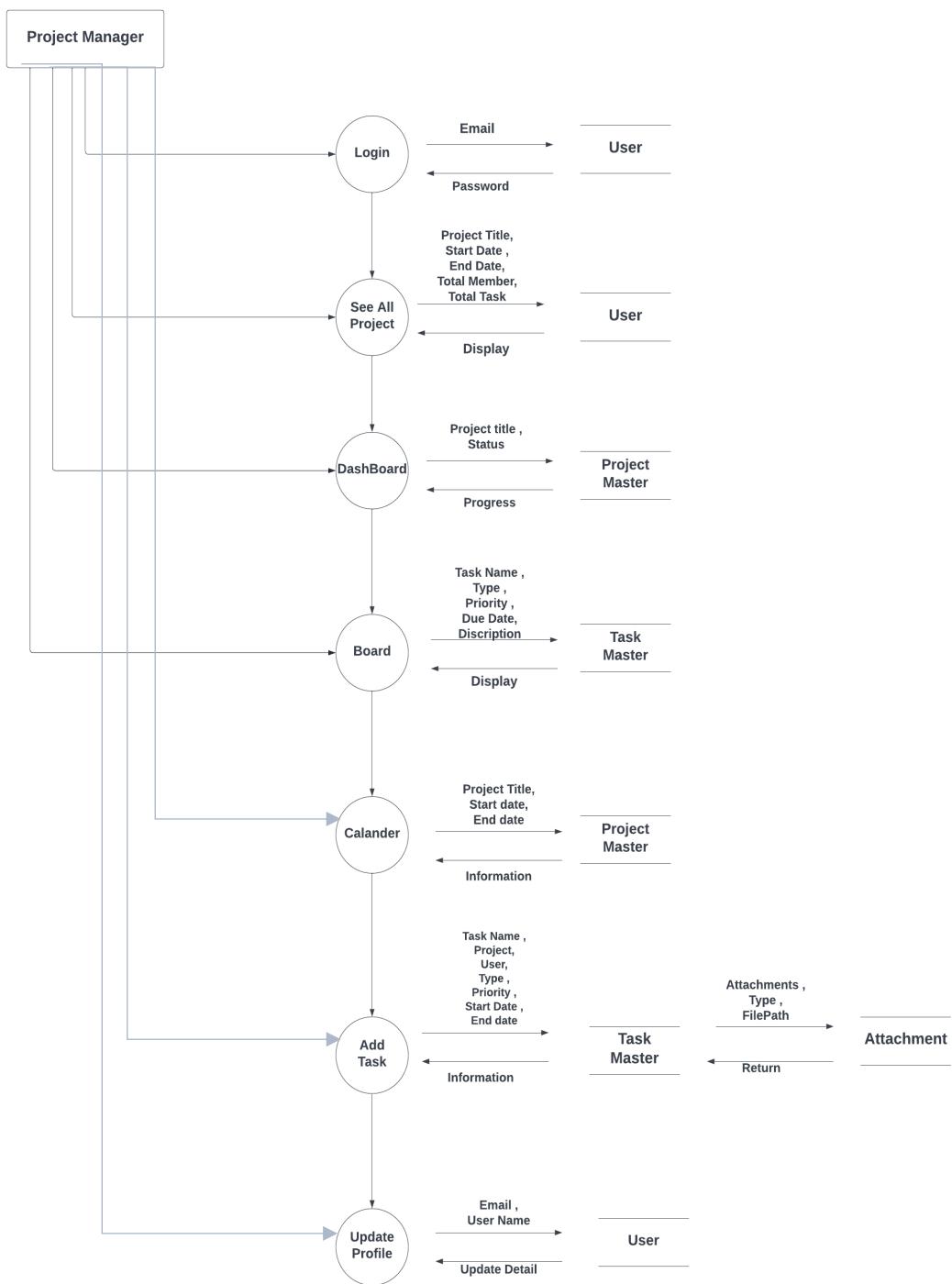
5.4 Data Flow Diagram

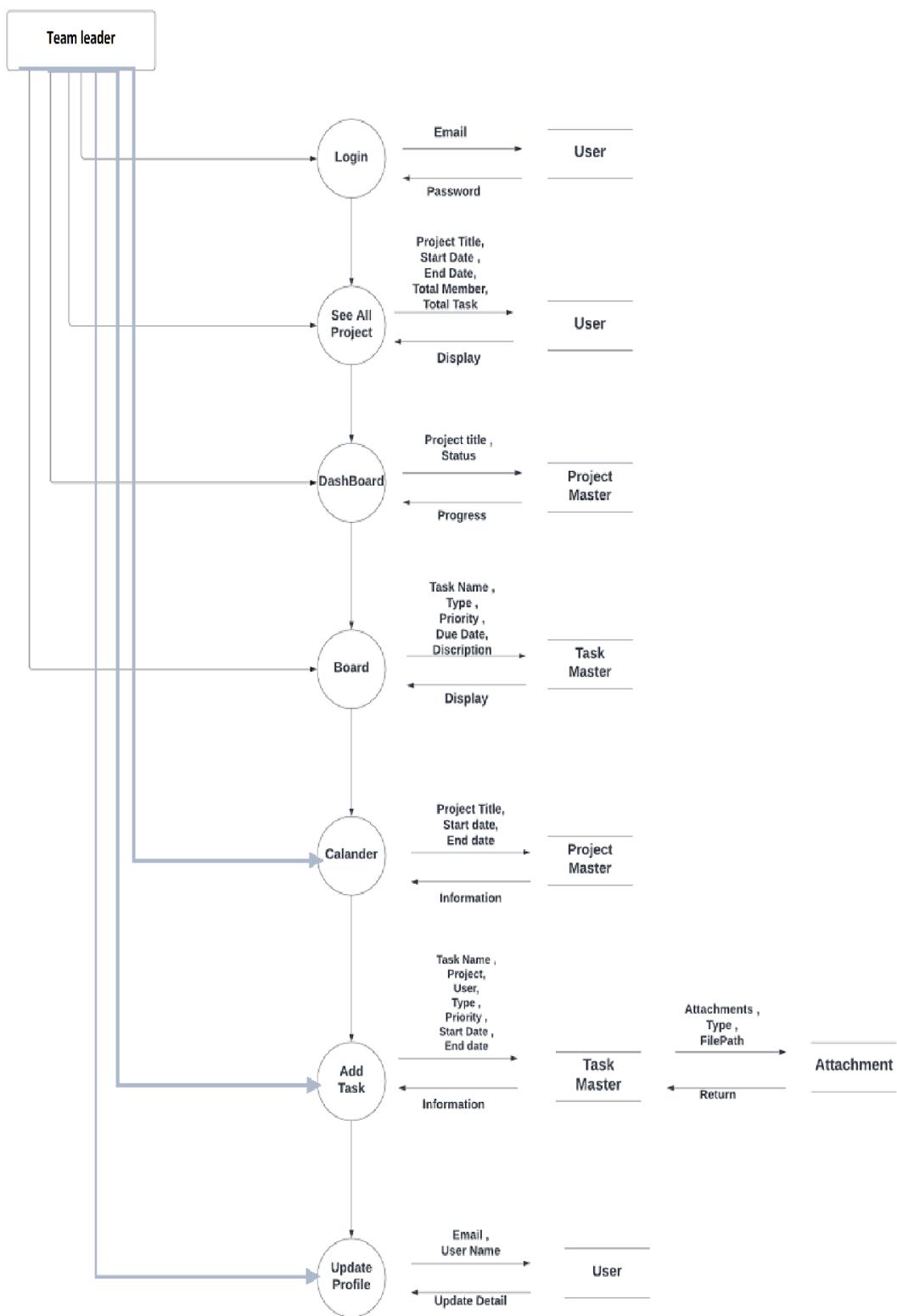
❖ Level – 0

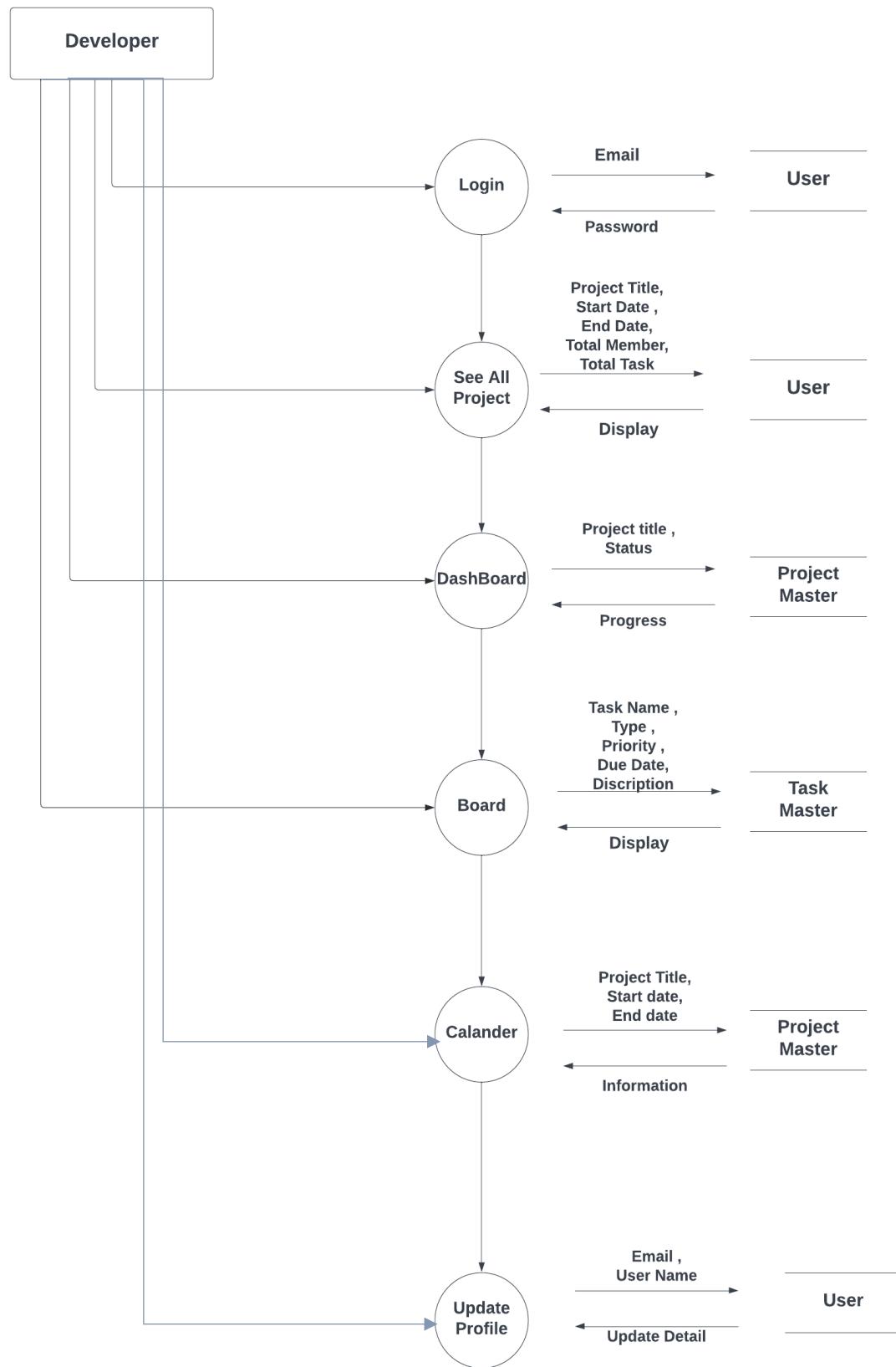


❖ Level – 1









5.5 Process Specification

Level – 1 Admin Specification

Register User	
Description	Enter User detail in Register page and check validation in some fields
Input	Enter User Detail
Output	Saved Details of user in User Table

Login	
Description	Check if user is existing in User Table, if user is existing then login is successful else give error that user not found.
Input	Enter Email and password
Output	Login Success or failed

Create Project	
Description	Enter project detail and validate start date if it is bigger than end date
Input	Enter Project Details
Output	Saved details if success else validate

View All Project	
Description	Displaying Details of all project that created by login user
Input	Validate user from process (Register User)
Output	Check if login user is admin and displaying All Project details

View Calendar	
Description	Displaying Details of all project in calendar by start date and end date
Input	Validate user from process (Register User)
Output	Check if login user is admin and displaying Calendar

Add Task	
Description	Enter Details of add task form and validate Required field if not entered
Input	Enter Task Details
Output	Saved details if success else validate

Add Member	
Description	After View All Project process, Enter details of add member and validate required field if not entered.
Input	Enter Add Member details
Output	Saved details else validate

Level – 1 Project Manager / Team Leader Specification

Login	
Description	Check if user existing in user table. If user exist then login successful else give error that user not found.
Input	Enter Email and password
Output	Login success or failed

See All Project	
Description	After Login process, displaying all project assign to him/her.
Input	Enter Email and password
Output	Showing all project else login failed

Dashboard	
Description	after see All Project process, Displaying dashboard of particular project
Input	After see all project process
Output	Displaying dashboard of project

Board	
Description	after Dashboard process, Displaying Kanban board of particular project
Input	After Dashboard process
Output	Displaying board of project

Calendar	
Description	after Dashboard process, Displaying Calendar of project task assigning to him/her by start date and end date
Input	After Dashboard process
Output	Displaying calendar of project by task

Add Task	
Description	after Dashboard process, Enter task details of add task and validate required field validator if not entered
Input	Enter Add task details
Output	Saved details else validate

Update Profile	
Description	If user want to update his/her profile
Input	Enter updated details of user
Output	Saved details else validate

Level – 1 Developer process specification

Login	
Description	Check if user is exist in User able, if user is exist then login successful else give error of user not found
Input	Enter Email and Password
Output	Login success or failed

See All Project	
Description	After Login process, displaying all project assign to him/her.
Input	Enter Email and password
Output	Showing all project else login failed

Dashboard	
Description	After See All Project process, Displaying dashboard of particular project
Input	After See All project process
Output	Displaying Dashboard of project

Board	
Description	After Dashboard Process, Displaying Kanban Board of particular project
Input	After Dashboard process
Output	Displaying Board of project

Calendar	
Description	After Dashboard process, Displaying calendar of project task assigning to him/her by start date and end date
Input	After Dashboard process
Output	Display calendar of project by task

Update profile	
Description	If user want to update his/her profile
Input	Enter Updated details
Output	Update successfully or validate

5.6 Data dictionary

Data Dictionary for level-1 (Admin)

Email : String

How/Where used : Input to the (Register User,Login,Add Member) process

UserName: String

How/Where used : Input to the (Register User) process

Password : String

ProjectTitle : String

How/Where used : Input to the (create project,View all project,View calender) process

Start Date : day+month+year

How/Where used : Input to the (Create project,View all project,View calender,Add task) process

EndDate : day+month+year

How/Where used : Input to the (create project,View all project,View calender,Ad task) process

Description: String

How/Where used : Input to the (Create project) process

Key : String

How/Where used : Input to the (Create project) process

Project Id : Integer

Total Member : Integer

How/Where used : Input to the (View All Project) process

Total Task : Integer

How/Where used : Input to the (View All Project) process

Information :

Content Description: ProjectId + ProjectTitle + Key + Description + StartDate + EndDate+ UserId

How/Where used : output to the (View All Project) process & (View Calendar) Process

Task Name : String

How/Where used : Input to the (Add Task) process

Type : String

How/Where used : Input to the (Add Task) process

User : Integer

How/Where used : Input to the (Add Task) process

Priority: String

How/Where used : Input to the (Add Task) process

FilePath : String

How/Where used : Input to the (Add task) process

Attachments : String

How/Where used : Input to the (Add Task) process

Information :

Content Description : TaskID + Tasktitle + TaskType + TaskStatus + TaskPriority + AssigneeId + UserId + Description + StartDate + EndDate + Attachment

How/Where used : output to the (AddTask) process

Role : String

How/Where used : Input to the (Add Member) process

Return :

Content Description : Attachment ID + Attachment Type + Atatchments + Filepath

How/Where used : Input to the (AddTask) process

Saved Detail :

Content Description : ProjectAssignId + ProjectId
+ UserId + UserType

How/Where used : output to the (AddMember)
process

Saved Detail :

Content Description : UserId + Email + password
+ FullName + UserName + Gender + joinDate +
IsAdmin

How/Where used : output to the (Register
user) process

Data Dictionary for level-1 (ProjectManager, TeamLeader)

Email : String

How/Where used : Input to the (Login,) process

UserName : String

How/Where used : Input to the (Update Profile) process

Password : String

ProjectTitle : String

How/Where used : Input to the (See All Project,calender) process

Start Date : day+month+year

How/Where used : Input to the (See all Project,Calender,Add task) process

EndDate : day+month+year

How/Where used : Input to the (See All project,Calender,Add task) process

Description: String

How/Where used : Input to the (Board) process

Project : Integer

Total Member : Integer

How/Where used : Input to the (See All Project) process

Total Task : Integer

How/Where used : Input to the (See All Project) process

Display :

Content Description: ProjectId + ProjectTitle + Key + Description + StartDate + EndDate+ UserId

How/Where used : output to the (See All Project) Process

Information :

Content Description: ProjectId + ProjectTitle + Key + Description + StartDate + EndDate + UserId

How/Where used : output to the (Calender) Process

Task Name : String

How/Where used : Input to the (Add Task,Board) process

Type : String

How/Where used : Input to the (Add Task,Board) process

User: Integer

How/Where used : Input to the (Add Task) process

Priority: String

How/Where used : Input to the (Add Task,Board) process

FilePath : String

How/Where used : Input to the (Add task) process

Attachments : String

How/Where used : Input to the (Add Task) process

Information :

Content Description : TaskID + Tasktitle + TaskType + TaskStatus + TaskPriority + AssigneeId + UserId + Description + StartDate + EndDate + Attachment

How/Where used : output to the (AddTask) process

Return :

Content Description : Attachment ID + Attachment Type + Attachment + Filepath

How/Where used : Input to the (AddTask) process

Progress :

Content Description : TaskType + TaskStatus + TaskPriority + UserId + StartDate + EndDate + ProjectId + TaskId

How/where used: output to the (Dashboard)process

Display :

Content Description : TaskID + Tasktitle + TaskType + TaskStatus + TaskPriority + StartDate + EndDate + projectId + UserId + Assignee Id

How/where used : output to the (Board) process

Update detail :

Content Description : UserId + Email + password + FullName + UserName + Gender + joinDate + IsAdmin

How/where used : output to the (Update) Profile

Data Dictionary for level-1 (Developer)

Email : String:

How/Where used : Input to the (Login,) process

UserName : String

How/Where used : Input to the (Update Profile) process

Password : String

ProjectTitle : String

How/Where used : Input to the (See All Project,calender) process

Start Date : day+month+year

How/Where used : Input to the (See all Project,Calender) process

EndDate : day+month+year

How/Where used : Input to the (See All project,Calender) process

Description: String

How/Where used : Input to the (Board) process

Total Member : Integer

How/Where used : Input to the (See All Project) process

Total Task : Integer

How/Where used : Input to the (See All Project) process

Display :

Content Description : ProjectId + ProjectTitle + Key + Description + StartDate + EndDate + UserId

How/Where used : output to the (See All Project) Process

Information :

Content Description: ProjectId + ProjectTitle + Key + Description + StartDate + EndDate + UserId

How/Where used : output to the (Calender) Process

Task Name : String

How/Where used : Input to the (Board) process

Type : String

How/Where used : Input to the (Board) process

Priority: String

How/Where used: Input to the (Add Task,Board) process

Progress :

Content Description : TaskType + TaskStatus + TaskPriority + UserId + StartDate + EndDate + ProjectId + TaskId

How/where used: output to the (Dashboard) process

Display :

Content Description : TaskID + Tasktitle + TaskType + TaskStatus + TaskPriority + StartDate + EndDate + projectId + UserId + Assignee Id

How/where used: output to the (Board) process

Update detail :

content Description : UserId + Email + password
+ FullName + UserName + Gender + joinDate +
IsAdmin

How/where used : output to the (Update)
Profile

6. Software Design

6.1 Database Design (Table Design)

USER

Field	Type	Constraints
UserId	Int	Primary Key
EmailID	Nvarchar(200)	Not Null
Password	Nvarchar(50)	Not Null
FullName	Nvarchar(20)	Not Null
UserName	nVarchar(20)	Not Null
JoinDate	DateTime	Not Null
ContactNo	Nvarchar(MAX)	Not Null
Gender	Int	Not Null
Address	nVarchar(max)	Not Null
IsAdmin	Bool	Not null

ProjectMaster

Field	Type	Constraints
ProjectID	Int	Primary Key
ProjectTitle	Nvarchar(200)	Not Null
Key	Nvarchar(20)	
Duration	Int	Not null
UserID	Int	Not null
Description	Nvarchar(MAX)	
StartDate	DateTime	Not Null
EndDate	DateTime	Not Null

ProjectAssignMaster

Field	Type	Constraints
ProjectAssignID	Int	Primary Key
UserID	Int	Not null
projectID	Int	Not null
UserType(enum)	int	Not null

TaskMaster

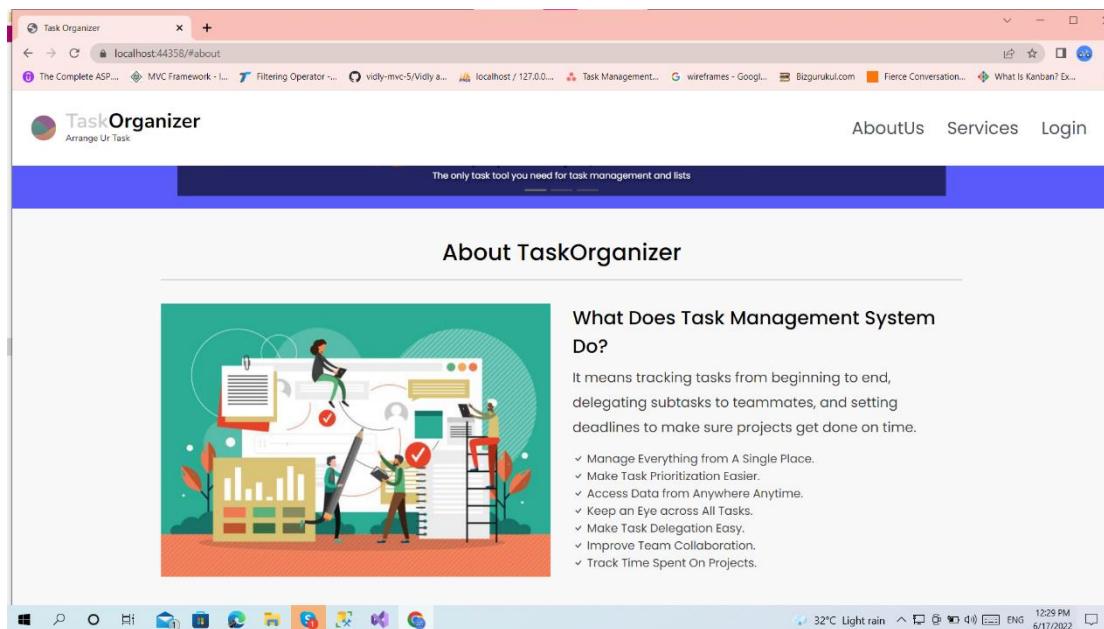
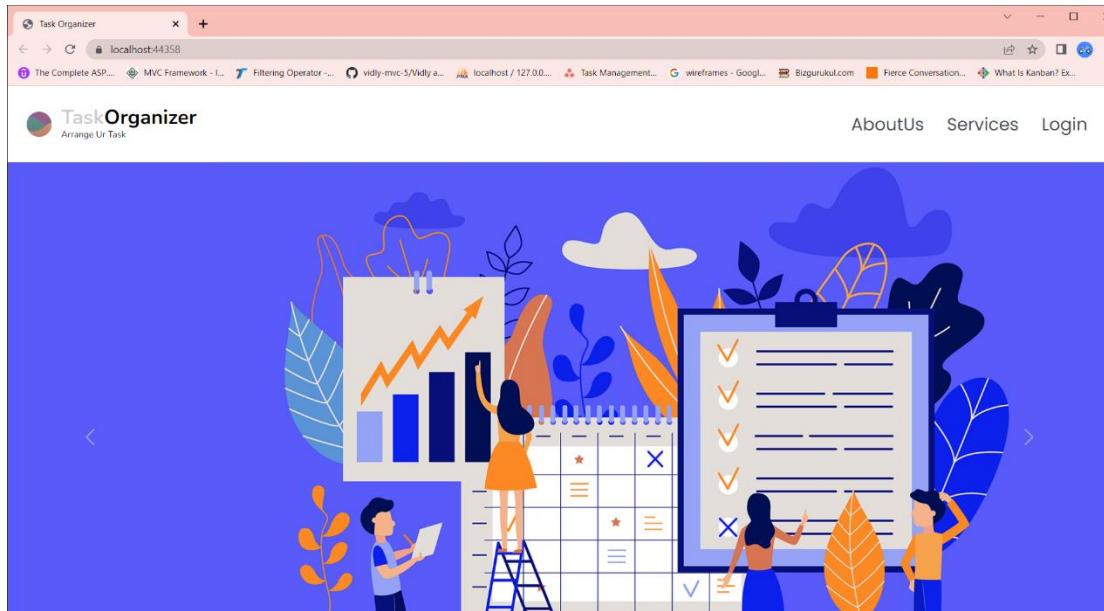
Field	Type	Constraints
TaskID	Int	Primary Key
AssigneeID	Int	Not null
UserID	Int	Not null
TaskType(enum)	Int	Not Null
ProjectID	Int	Not null
TaskTitle	NVarchar(200)	Not Null
AttachmentID	Int	Foreign Key
Description	Nvarchar(MAX)	
Priority(enum)	Int	Not null
Status(enum)	Int	Not Null
StartDate	DateTime	Not Null
EndDate	DateTime	Not Null

AttachmentMaster

Field	Type	Constraints
AttachmentID	Int	Primary Key
attachmentType(enum)	Int	Not Null
Attachments	Nvarchar(MAX)	Not Null
FilePath	Nvarchar(MAX)	

6.2 Interface Design (page snapshots)

➤ Admin

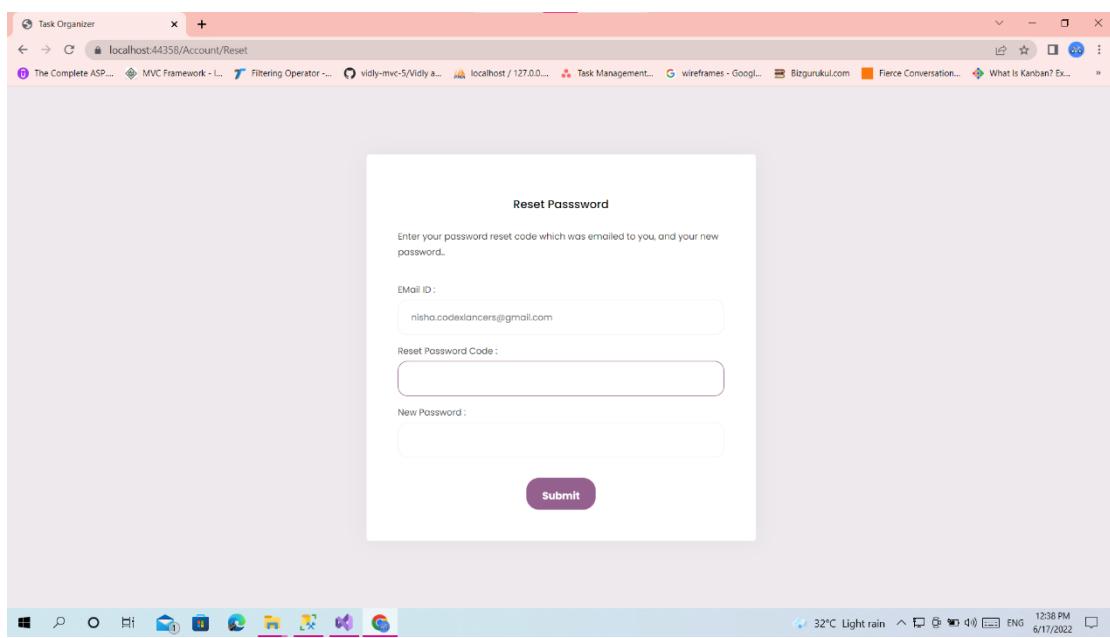
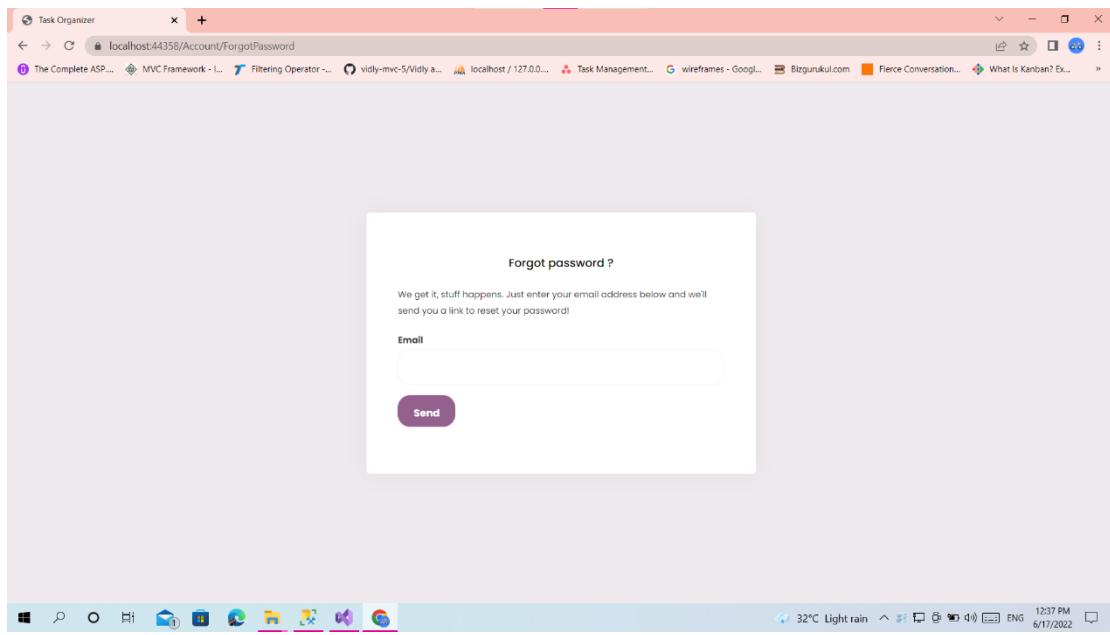


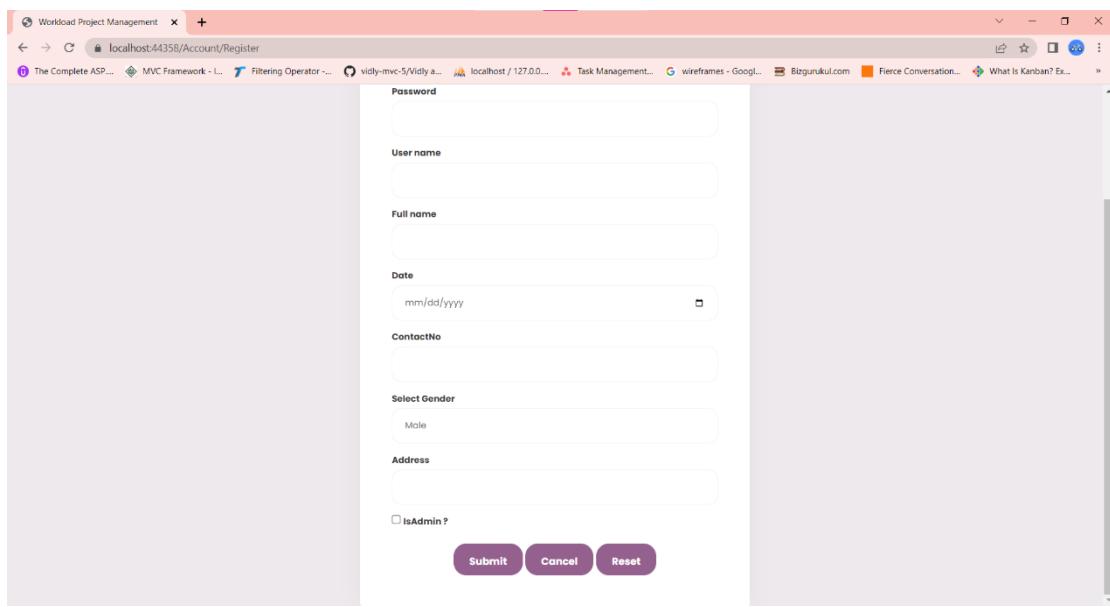
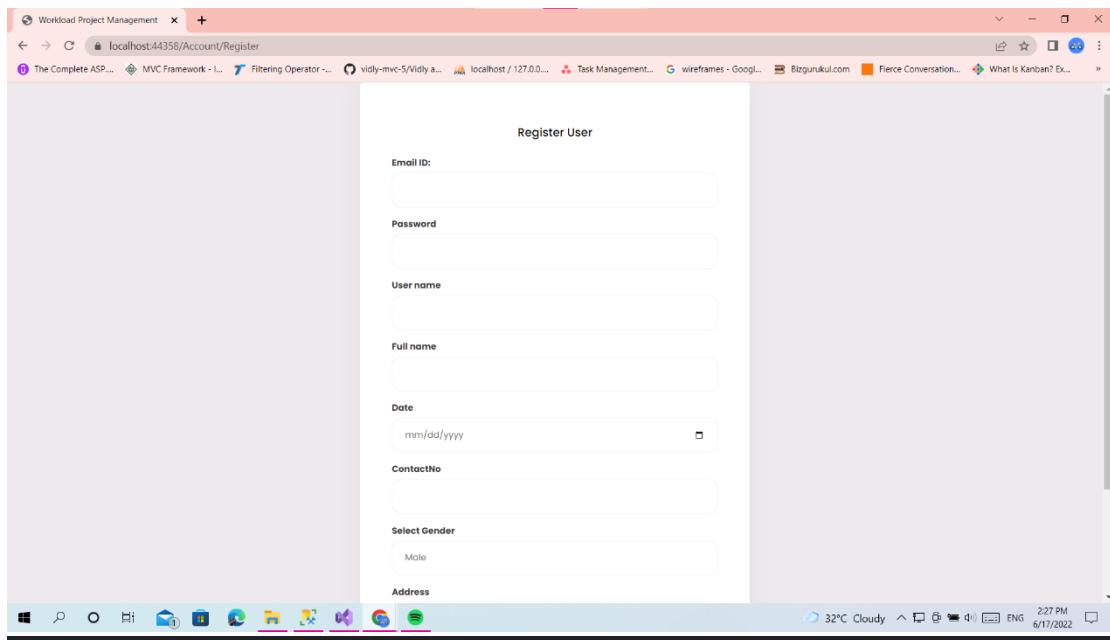
The screenshot shows a web browser window titled "Task Organizer" with the URL "localhost:44358/services". The page features a header with "TaskOrganizer" logo, "AboutUs", "Services", and "Login" links. Below the header is a section titled "Our Services" with three columns:

- Make your work more efficient**: Inefficiencies often stem from disinterest. Task management principles greatly improve productivity by making sure the right resources are utilized at the right time. This includes giving team members tasks and responsibilities that match their abilities and interests.
- Bring focus to your job**: Whether you work as an individual or for an organization, all your tasks are done in order to achieve a particular goal. However we often end up doing things that distract from or don't contribute to this. If there's a systematic way to approach all your work items, your work will be more focused on the end goal.
- Organize your organization**: It's not always possible to work only on one task at a time. However, working on many things all at once can become chaotic. Organizing your tasks in a way that helps streamline your workflow goes a long way in becoming more efficient and reaching your target.

A "Get Started" button is located at the bottom of the "Our Services" section. The footer contains sections for "TaskOrganizer", "Useful Links" (Home, About us, Services, Login), and "Information" (Tel: +123 456 789, Email: taskorganizer29@gmail.com). The status bar at the bottom shows the URL "https://localhost:44358/#hero", the date "6/17/2022", and the time "12:31 PM".

The screenshot shows a web browser window titled "Task Organizer" with the URL "localhost:44358/Account/Login". The page displays a login form with fields for "Email" and "Password", a "Forgot Password?" link, and a "Login" button. The status bar at the bottom shows the URL "https://localhost:44358/#hero", the date "6/17/2022", and the time "12:32 PM".





The screenshot shows the 'All User' page of the Task Organizer application. At the top right, there is a user profile for 'Niya' (nirali.codexlancers@gmail.com). The main area displays six user cards in a grid:

- Niya** (NP) - Joined Tuesday, February 15, 2022. Contact: +91 5689658938, Email: nirali.codexlancers@gmail.com.
- Nishi** (NP) - Joined Thursday, February 10, 2022. Contact: +91 7458213659, Email: nisha.codexlancers@gmail.com.
- Maanu** (MM) - Joined Sunday, February 20, 2022. Contact: +91 1235968475, Email: mansi.codexlancers@gmail.com.
- Nilu** (SP) - Joined Wednesday, March 2, 2022. Contact: +91 8965896574, Email: niralipardeshi01@gmail.com.
- Man** (MP) - Joined Thursday, March 10, 2022. Contact: +91 7845963215, Email: monsim383@gmail.com.
- Nayan** (NP) - Joined Sunday, February 7, 2021. Contact: +91 7896542365, Email: nishipatel14202@gmail.com.

The sidebar on the left has 'Users' selected, with options for 'All User' and 'Add User'. Other navigation links include 'All Project' and 'Calendar'. A search bar at the top allows searching for users. A button at the top right says '+ Add New User'.

The screenshot shows the 'UserProfile' page for 'Nishi' (NP). The top right shows the user profile for 'Niya' (nirali.codexlancers@gmail.com). The main area is titled 'Profile Settings' and contains the following fields:

Email Id	nisha.codexlancers@gmail.com
User Name	Nishi
Full Name	Nisha Patel
Join Date	02/10/2022
Contact Number	7458213659
Select Gender	Female
Address	Jahangirpura, Surat

The screenshot shows the 'All Project' page of the Task Organizer application. On the left, there is a sidebar with navigation links: 'Users', 'All Project' (which is selected and highlighted in purple), and 'Calendar'. The main content area has a search bar at the top. Below it, there are four project cards:

- TaskOrganizer**: Total Task: 15, Total Member: 3, Due in 32 Days.
- Hotel Management**: Total Task: 17, Total Member: 3, Due in 60 Days.
- Event Management**: Total Task: 1, Total Member: 4, Due in 38 Days.
- FoodyGo**: Total Task: 0, Total Member: 4, Due in 86 Days.

The screenshot shows the 'All Project' page of the Task Organizer application. The sidebar and search bar are identical to the first screenshot. The main content area displays the same four projects, but the details for the Hotel Management and FoodyGo projects have changed:

- TaskOrganizer**: Total Task: 15, Total Member: 3, Due in 32 Days.
- Hotel Management**: Total Task: 17, Total Member: 3, Due in 60 Days.
- Event Management**: Total Task: 1, Total Member: 4, Due in 38 Days.
- FoodyGo**: Total Task: 0, Total Member: 4, Due in 86 Days. A red badge indicates 'Overdue From 15 Days'.

The screenshot shows the 'All Project' page of the Task Organizer application. At the top right, there is a user profile for 'Niya' with the email 'nirali.codexlancers@gmail.com'. Below the header, there is a search bar with the placeholder 'Management' and a magnifying glass icon. On the far right, there is a purple button labeled '+ New Project'.

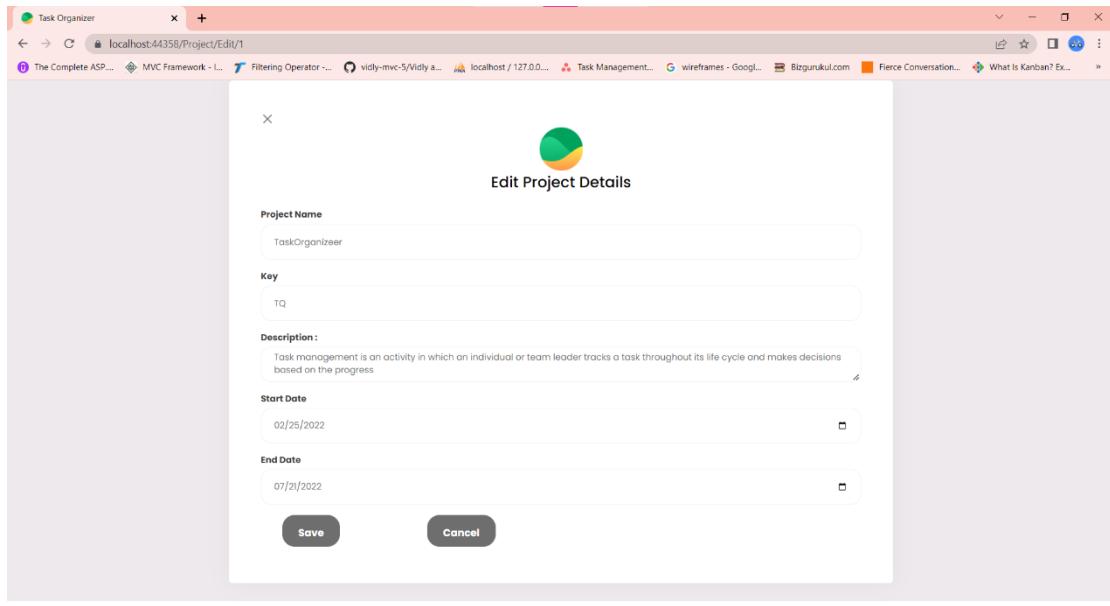
The main content area displays three project cards:

- TaskOrganizer (TQ)**:
Description: Task management is an activity in which an individual or team leader tracks a task throughout its life cycle and makes d...
Start Date: Friday, February 25, 2022
End Date: Thursday, July 21, 2022
Total Task: 15
Total Member: 3
Due in 32 Days
- Hotel Management (HM)**:
Description: A hotel manager is responsible for making sure that all areas of the facility operate and work together as smoothly as p...
Start Date: Tuesday, June 7, 2022
End Date: Thursday, August 18, 2022
Total Task: 17
Total Member: 3
Due in 60 Days
- Event Management (EM)**:
Description: Event management involves overseeing all logistics leading up to and during an event, whether a conference, wedding, or ...
Start Date: Monday, April 11, 2022
End Date: Wednesday, July 27, 2022
Total Task: 1
Total Member: 4
Due in 38 Days

The screenshot shows the 'Add New Project' dialog box. At the top center, it says 'Add New Project'. The dialog has several input fields and buttons:

- Project Name:** A text input field containing 'ProjectName'.
- Key:** A text input field containing 'Key'.
- Description:** A text area with placeholder text about a hotel manager's responsibilities.
- Start Date:** A date picker set to 'Thursday, August 18, 2022'.
- End Date:** A date picker set to 'Tuesday, September 13, 2022'.
- Save**: A purple 'Save' button at the bottom right.

In the background, the 'All Project' page is visible, showing the same three projects as the first screenshot.



The screenshot shows the "All Member" page of the Task Organizer application. The left sidebar has a purple header "TaskOrganizer" and "Arrange Ur Task". It includes the following navigation items:

- Members** (selected)
- All Member
- Add Member
- Add Task**
- Users**
- All Project
- Calendar

The main content area is titled "All Member" and features a search bar at the top. On the right, there is a purple button "+ Add New Member". Below the search bar, three member profiles are listed in cards:

- Nisha Patel** (NP) - Thursday, February 10, 2022, TeamLeader. Contact info: +91 7458213659, nisha.codexlancers@gmail.com.
- Mansi Modi** (MM) - Sunday, February 20, 2022, Developer. Contact info: +91 7458213659, mansi.codexlancers@gmail.com.
- Shaloni Pardeshi** (SP) - Wednesday, March 2, 2022, ProjectManager. Contact info: +91 8965896574, niralipardeshi01@gmail.com.

The bottom of the screen shows the Windows taskbar with various icons and system status information: 32°C Cloudy, 2:14 PM, ENG, 6/17/2022.

UserDashboard - Task Organizer

localhost:44358/Project/UserDashboard?uid=2&id=2

The Complete ASP... MVC Framework - L... Filtering Operator - ... vidly-mvc-5/Vidly a... localhost / 127.0.0... Task Management... wireframes - Googl... Bizgurukul.com Fierce Conversation... What Is Kanban? Ex...

TaskOrganizer

Members Add Task Users All Project Calendar

Hotel Management

Tuesday, June 7, 2022

Pending Task: 6 Inprogress Task: 5 Completed Task: 3 Reassigned Task: 1

Progress bar: 3 Task Completed End date: Thursday, August 18, 2022

This screenshot shows the initial dashboard of the Task Organizer application. It features a sidebar with navigation links for Members, Add Task, Users, All Project, and Calendar. The main area displays a summary for 'Hotel Management' on Tuesday, June 7, 2022. It includes four colored boxes for Pending Task (6), Inprogress Task (5), Completed Task (3), and Reassigned Task (1). Below this is a progress bar indicating 3 tasks completed, with an end date of Thursday, August 18, 2022.

UserDashboard - Task Organizer

localhost:44358/Project/UserDashboard?uid=2&id=2

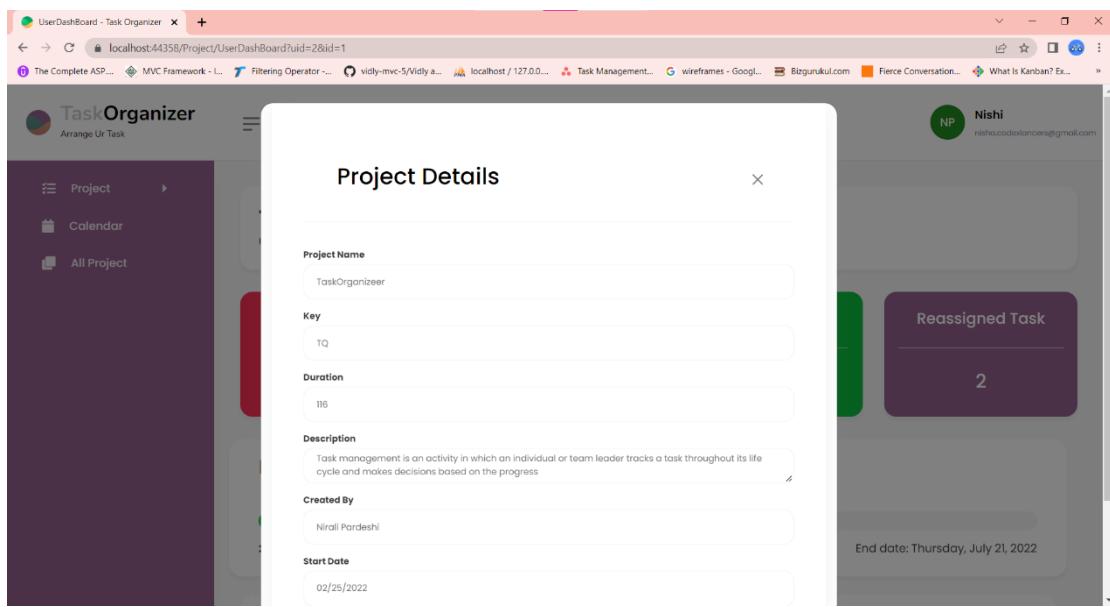
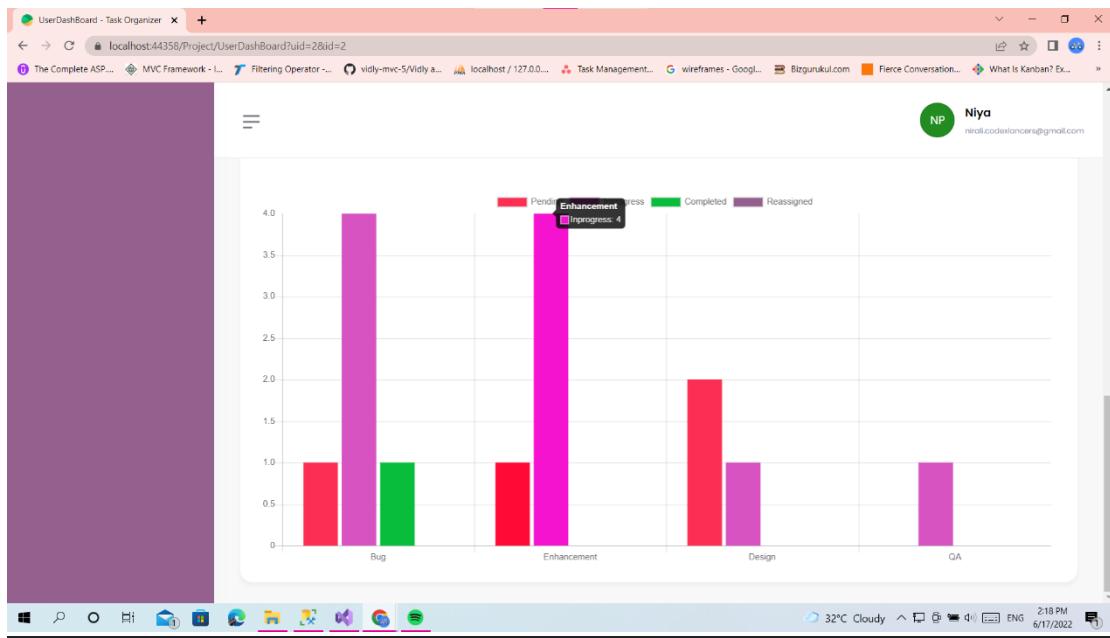
The Complete ASP... MVC Framework - L... Filtering Operator - ... vidly-mvc-5/Vidly a... localhost / 127.0.0... Task Management... wireframes - Googl... Bizgurukul.com Fierce Conversation... What Is Kanban? Ex...

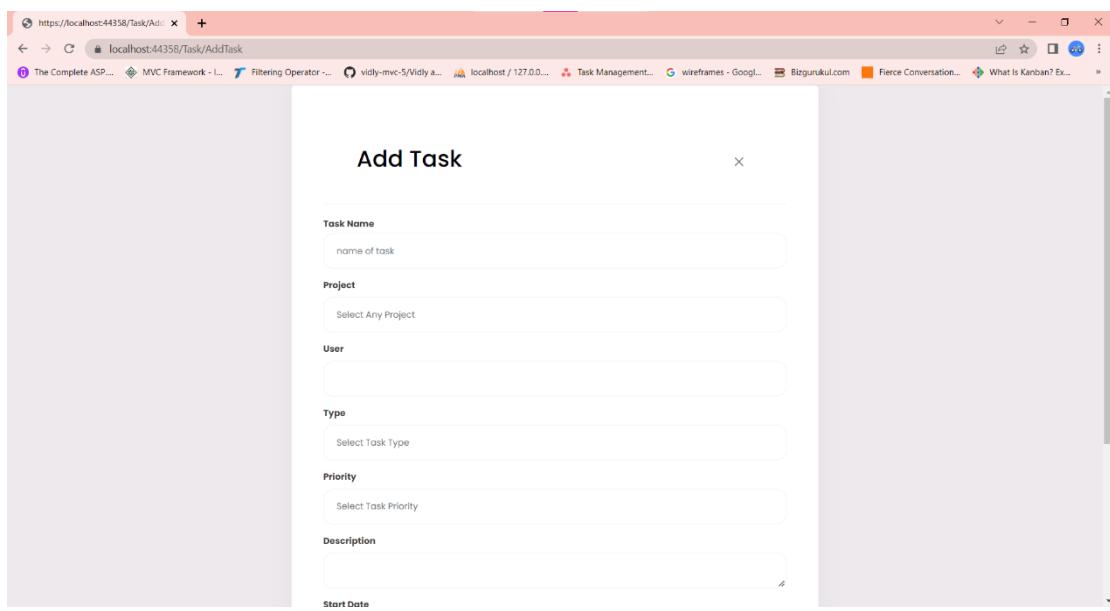
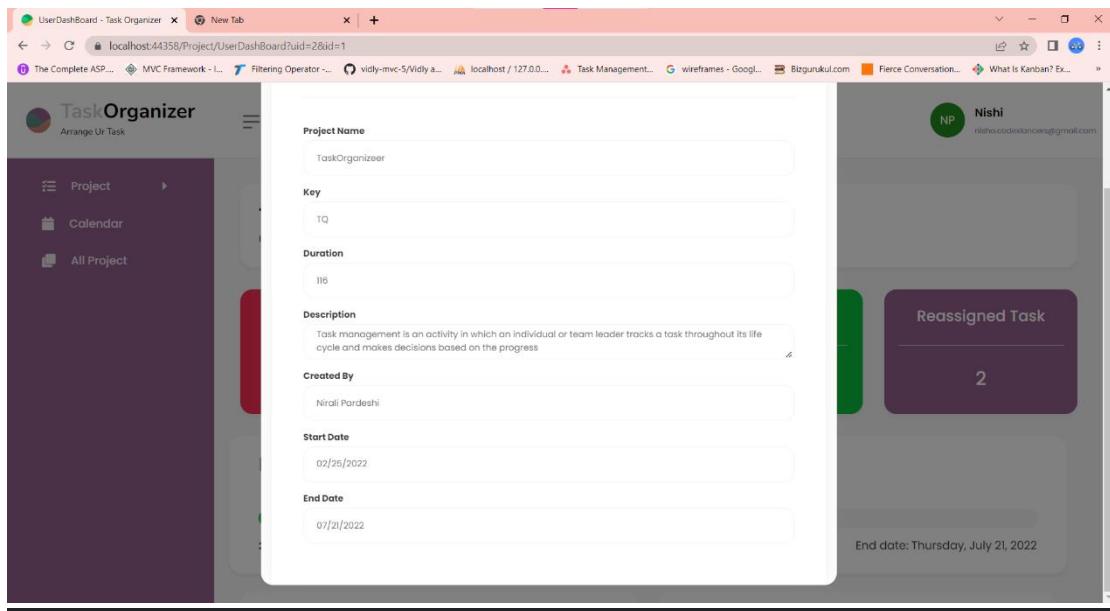
Tasks by Section

All Tasks by all status

Project By Task Type

This screenshot shows a more detailed view of the Task Organizer dashboard. It includes three main sections: 'Tasks by Section' (a bar chart showing 4 tasks for Bug, 10 for Enhancement, 1 for Design, and 0 for QA), 'All Tasks by all status' (a donut chart showing the distribution of task statuses: Pending, Inprogress, Completed, and Reassigned), and 'Project By Task Type' (a horizontal bar chart showing the length of tasks for different types, with a legend for Pending, Inprogress, Completed, and Reassigned). The bottom status bar shows the date as 6/17/2022 and the time as 2:17 PM.





The screenshot shows a web-based application for creating a new task. The form is titled "User". It includes fields for "Type" (with placeholder "Select Task Type"), "Priority" (with placeholder "Select Task Priority"), "Description" (an empty text area), "Start Date" (a date input field with placeholder "mm/dd/yyyy"), and "End Date" (a date input field with placeholder "mm/dd/yyyy"). Below these fields is a section for "Attachment" with a small icon. At the bottom right are two buttons: "Create" and "Cancel".

The screenshot shows the "All Member" page of the "Task Organizer" application. On the left, there's a sidebar with navigation links: "Members" (selected), "Add Member", "Add Task", "Users", "All Project", and "Calendar". The main area displays two member profiles: "Nisha Pardeshi" (NP) and "Shaloni Pardeshi" (SP). Nisha is listed as a "Developer" assigned to a task on "Thursday, February 24, 2022". Shaloni is listed as a "TeamLeader" assigned to a task on "Wednesday, March 2, 2022". A search bar is at the top. A modal dialog box is centered, showing a large red "X" icon and the text "Oops!! There is no Task assign to this member, First assign the Task". At the bottom right of the modal is an "OK" button.

The screenshot shows a weekly calendar view for the week of June 12–18, 2022. The left sidebar has navigation links for 'Users', 'All Project', and 'Calendar'. The top right shows a profile picture for 'Niya' and her email 'nirali.codexoncens@gmail.com'. The main area displays events for each day:

- Sunday:** Event Management, Hotel Management, TaskOrganizer
- Monday:** Event Management, Hotel Management, TaskOrganizer
- Tuesday:** Event Management, Hotel Management, TaskOrganizer
- Wednesday:** Event Management, Hotel Management

Each event is represented by a red box with its name and a small circular icon.

The screenshot shows a monthly calendar view for June 2022. The left sidebar has navigation links for 'Users', 'All Project', and 'Calendar'. The top right shows a profile picture for 'Niya' and her email 'nirali.codexoncens@gmail.com'. The main area displays events for each day of the month:

- SUN:** Event Management, TaskOrganizer
- MON:** Event Management, TaskOrganizer
- TUE:** Event Management, TaskOrganizer
- WED:** Event Management, TaskOrganizer
- THU:** Event Management, Hotel Management
- FRI:** Event Management, Hotel Management
- SAT:** Event Management, Hotel Management

Each event is represented by a red box with its name and a small circular icon.

SUN 6/12 MON 6/13 TUE 6/14 WED 6/15 THU 6/16 FRI 6/17 SAT 6/18

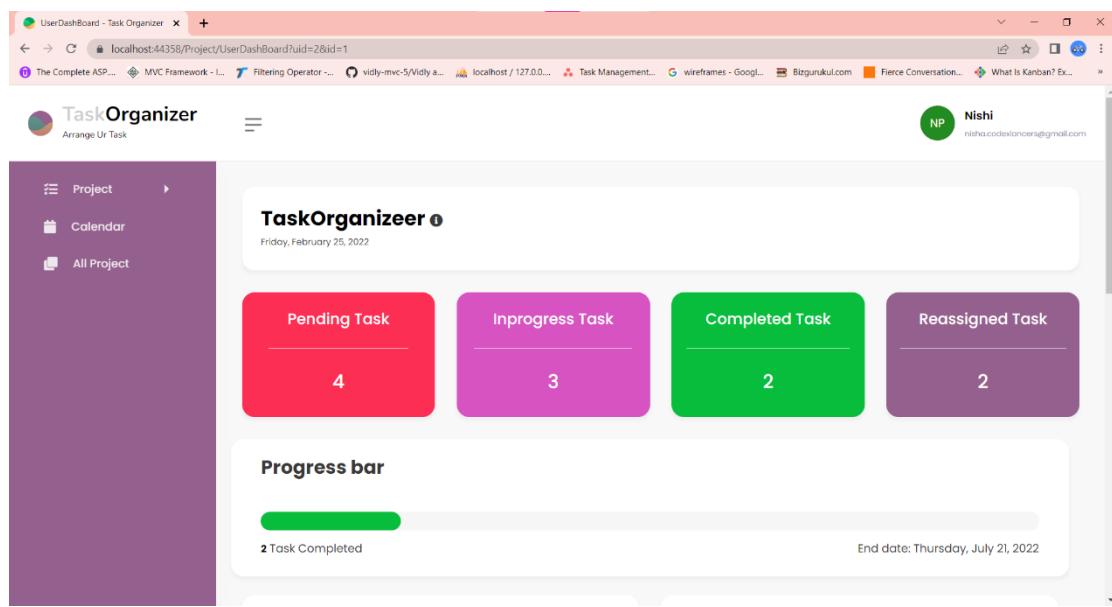
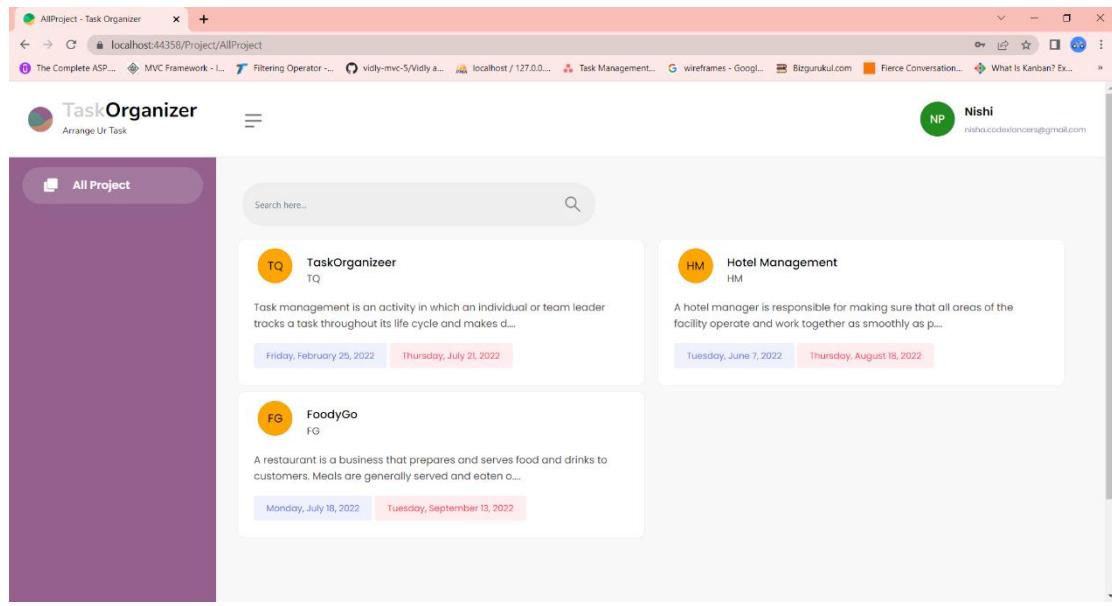
Event Management
Hotel Management
TaskOrganizer

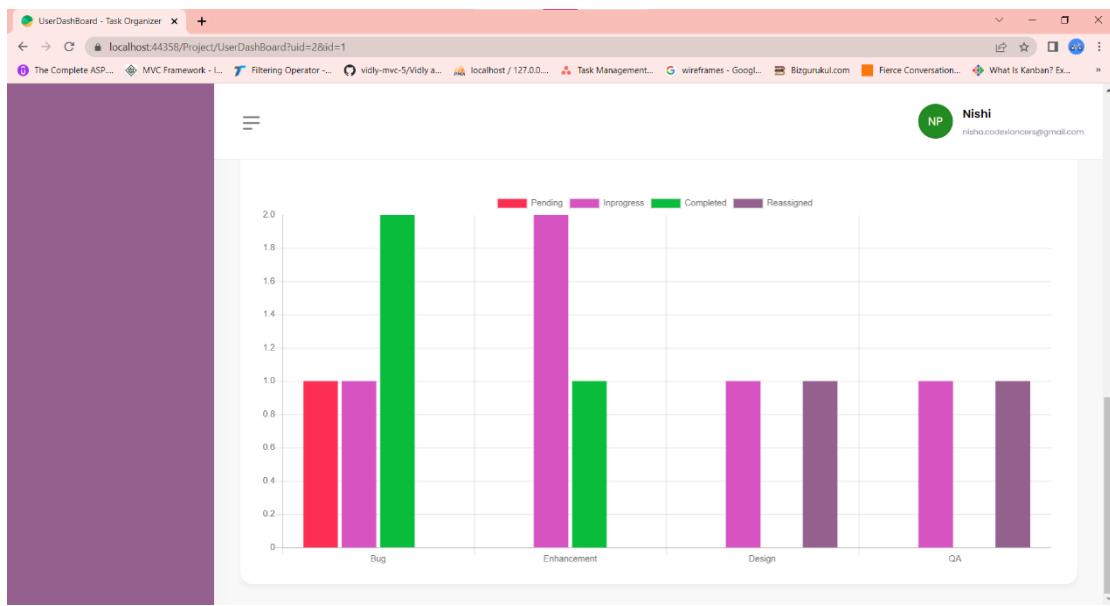
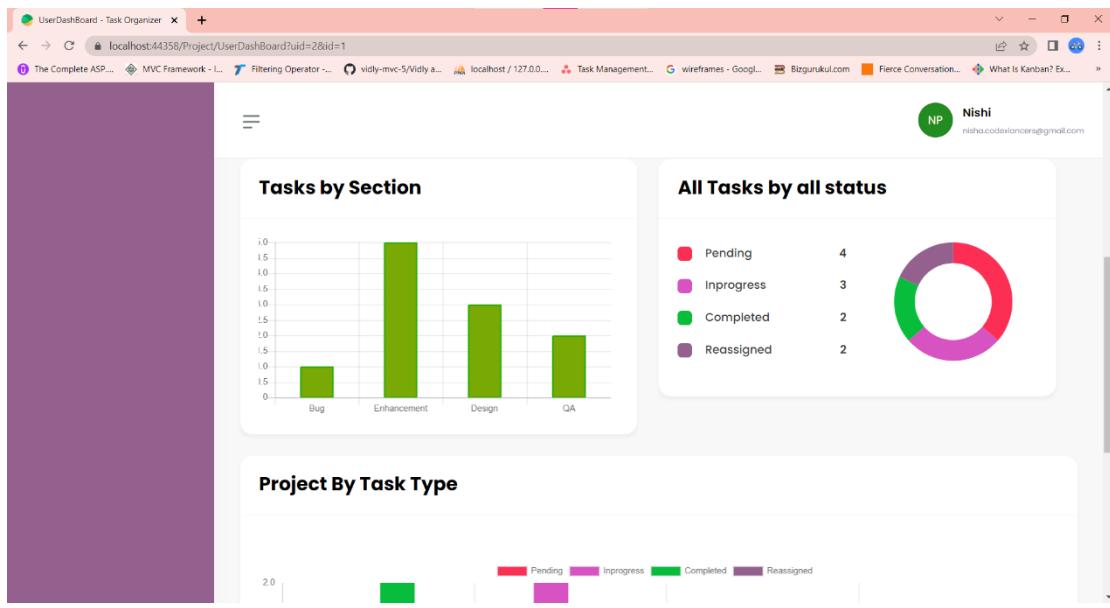
JUNE 17, 2022

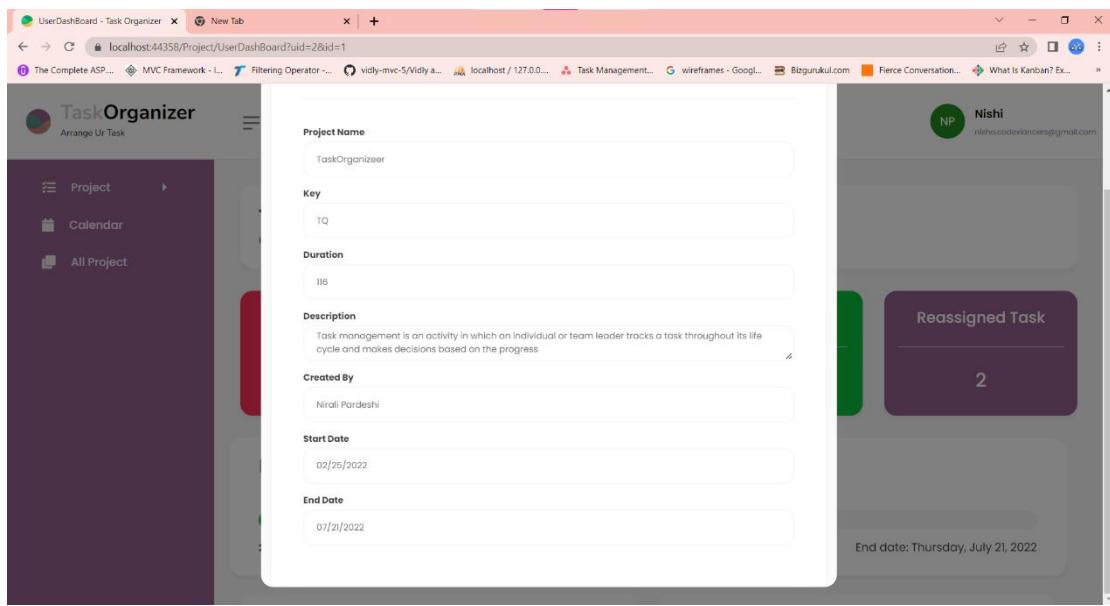
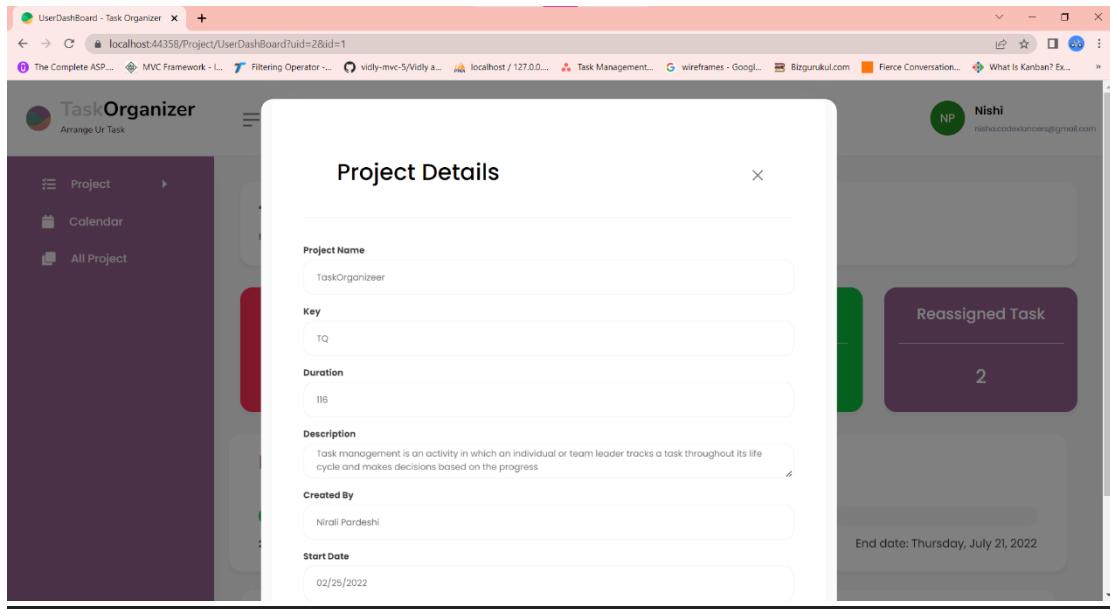
FRIDAY

Event Management
Hotel Management
TaskOrganizer

➤ Other User







TaskOrganizer | Board

Pending (4)

- Design : WireFrame : kkkkkk (High) Due in 6 Days
- Bug : Error Solving : fff (Low) Due in 4 Days

In Progress(3)

- Enhancement : DataBinding : Perform Crud Operation (Medium) Due in 6 Days
- Design : WireFrame : pppppp (Medium) Due in 6 Days

Completed(3)

- QA : create Milestone : 9999999 (High) Due in 4 Days
- Enhancement : Add validation : dddddd (Medium) Due in 4 Days

Reassigned

- QA : Error Solving : Solve Error (Low) Over Due from 8 Days
- Enhancement : create Milestone : k (Medium) Over Due from 0 Days

TaskOrganizer | Board

In Progress(3)

- Enhancement : DataBinding : Perform Crud Operation (Medium) Due in 6 Days

Completed(3)

- QA : create Milestone : 9999999 (High) Due in 4 Days

Reassigned(2)

- QA : Error Solving : Solve Error (Low) Over Due from 8 Days
- Enhancement : create Milestone : k (Medium) Over Due from 0 Days

Board

Bug

Error Solving :
fff
Medium
Due in 4 Days

Design

WireFrame :
pppppp
Medium
Due in 6 Days

Enhancement

Add validation :
ddddd
Medium
Due in 4 Days

Enhancement

Design Home Page :
jjjjjjjjkk
Medium
Due in 6 Days

Error Solving :
jjjjjjjjkkkkkkk
Medium
Due in 6 Days

WireFrame :
fffff
Medium
Due in 13 Days

Enhancement

Design Home Page :
jjjjjjjjkk
Medium
Due in 6 Days

Actions: Delete, Edit

Add Task

Task Name
name of task

Project
Select Any Project

User

Type
Select Task Type

Priority
Select Task Priority

Description

Start Date

The screenshot shows a web browser window with the URL <https://localhost:44358/Task/AddTask>. The page title is 'User'. It contains several input fields:

- Type**: A dropdown menu labeled 'Select Task Type'.
- Priority**: A dropdown menu labeled 'Select Task Priority'.
- Description**: A text area.
- Start Date**: A date input field with the placeholder 'mm/dd/yyyy'.
- End Date**: A date input field with the placeholder 'mm/dd/yyyy'.
- Attachment**: A file input field.

At the bottom are two buttons: 'Create' and 'Cancel'.

The screenshot shows a web browser window with the URL <https://localhost:44358/Task/TaskDetail/1034>. The page title is 'Task Details'. It displays the following task information:

- Task Name**: Design Home Page
- Assignee**: Nishi
- User**: Nishi
- Task Type**: Enhancement
- Priority**: Medium
- Status**: Inprogress
- Description**: (empty)

The screenshot shows a modal window titled 'Nishi' for updating a task. The form fields include:

- Task Type**: Enhancement
- Priority**: Medium
- Status**: Inprogress
- Description**: [REDACTED]
- Start Date**: 06/14/2022
- End Date**: 06/24/2022

At the bottom are two buttons: **Update** and **Cancel**.

The screenshot shows a user profile edit screen for 'Nishi'. The left sidebar has navigation items: Project, Calendar, and All Project. The right panel displays profile settings:

- Profile Settings**
- Email Id**: nisha.codexancers@gmail.com
- User Name**: Nishi
- Full Name**: Nisha Patel
- Join Date**: 02/10/2022
- Contact Number**: 7458213659
- Select Gender**: Female
- Address**: Johangirpura, surat

A green circular icon with 'NP' and the name 'Nishi' is displayed above the email field.

TaskOrganizer Arrange Ur Task

Calendar

JUN 12 – 18, 2022

Sunday

- all-day DataBinding
- 12:00am - 12:00am Error Solving
- all-day Wireframe
- all-day Wireframe
- 12:00am - 12:00am create Milestone

Monday

- all-day DataBinding
- all-day Error Solving
- all-day WireFrame
- all-day Wireframe
- all-day create Milestone

Tuesday

- all-day DataBinding
- all-day Error Solving

June 13, 2022

June 14, 2022

TaskOrganizer Arrange Ur Task

Calendar

JUNE 2022

SUN	MON	TUE	WED	THU	FRI	SAT
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25

Tasks shown as bars across the month:

- Week 1: Wireframe, DataBinding, Wireframe, Error Solving
- Week 2: Create Milestone, Design Home Page, Error Solving, Create Milestone
- Week 3: Wireframe, DataBinding, Wireframe, Error Solving
- Week 4: Design Home Page, Error Solving, Create Milestone

The screenshot displays a weekly calendar view for the period from JUN 12 – 18, 2022. The calendar grid shows tasks assigned to users NP and Nishi. The tasks listed are:

- SUN 6/12: 12a - 12a Create Milestone, DataBinding
- TUE 6/14: 12a - 12a Wireframe, Wireframe
- WED 6/15: 12a - 12a Create Milestone, 12a - 12a Error Solving, Error Solving
- THU 6/16: 12a - 12a Design Home Page, Design Home Page
- FRI 6/17: 12a - 12a Error Solving, Error Solving
- SAT 6/18: 12a - 12a Create Milestone, Create Milestone

The screenshot displays a daily calendar view for SUNDAY, JUNE 12, 2022. The tasks listed are:

- SUNDAY: 12a - 12a Create Milestone, DataBinding, 12a - 12a Error Solving, Error Solving, Wireframe, Wireframe

7. Testing

❖ Test case:

□ Login Page:

- Required Field Validation
- Regular Expression validation for Email
- Check for valid email and password

□ Register Page:

- Required Field Validation
- Regular Expression validation for Email Id, Contact No, Password, Full Name.

□ User Profile Page:

- Required Field Validation
- Regular Expression validation for Email, Contact No., Full Name.

□ Forgot Password Page:

- User should enter correct reset code that is send to his/her through Mail.
- When user update new password then also validation of password is applied.

All Project Page

- Required field validation
- Start date of project must be lesser than end date.

Add Task

- Required field validation
- When we update task detail then also validation is applied.

8. Future Enhancement

- Project manager will be able to assign project by adding member.
- Admin can add task section manually.
- Calendar view will be able to add event individually.
- Team leader will assign task only to developer.
- User can filter task by task priority and Task Type.

9. References

<https://themeforest.net/user/dexignlabs/portfolio>

<https://erdplus.com>

<https://smartdraw.com>

<https://lucidchart.com>

<https://stackoverflow.com>

<https://geeksforgeeks.com>

<https://getbootstrap.com>

<https://chartjs.org>

<https://codepen.io>

<https://gitlab.com>

<https://github.com>

<https://youtube.com>