

Final Year Project
(Advisor: Sohail Imran)



Project Planning System

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I. Overview

This is a very small but scalable project planning use aim for individuals and small teams. It was developed focusing simplicity, ease of use and smooth flow.

It integrates projects with tasks with teams. Teams itself have different type of resources and project manager or admin could assign task to different teams members.

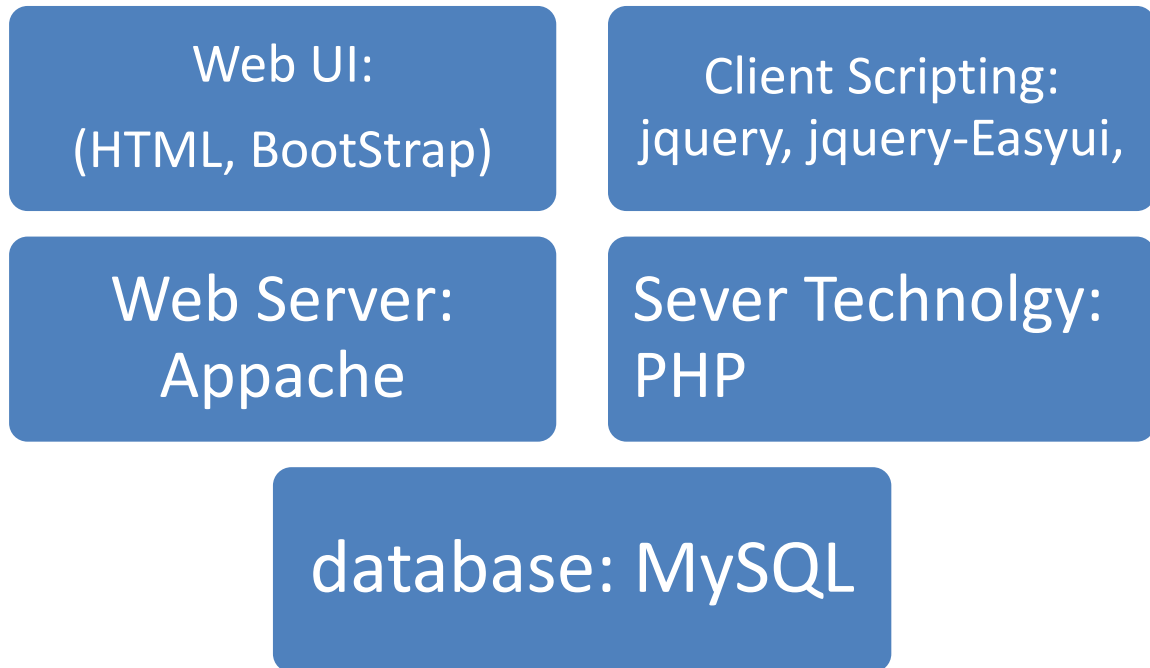
It has a simple but comprehensive dashboard reflecting a gimps of projects under progress, with further links of project details like tasks of the project and their current status.

With easy to understand Gantt and other reports, a project owner could keep an eye on multiple projects without hassle.

II. Key Objectives

- Centralized Management system but scalable
- Layered Development for easy manageability.
- Component based development to cater different part of application development need.
- Web UI for easy accessing within and outside organization.
- Configurable for focusing particular specs or stats (like memory, processor utilization etc.)

III. Key Components



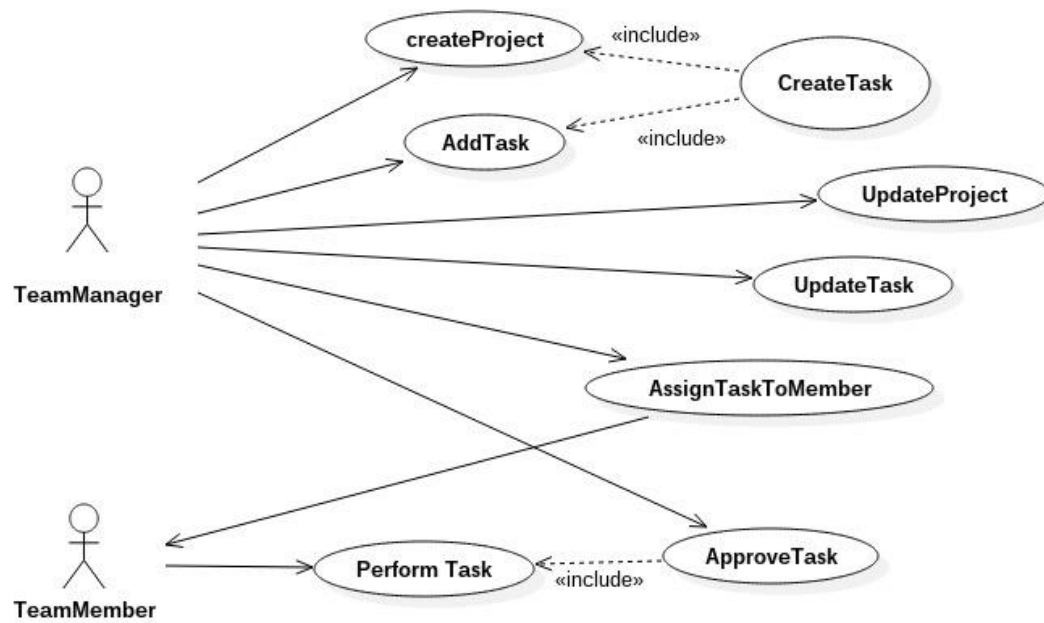
IV. Key Functions

Project Dashboard Provides progress of in-working projects at a glance over a single screen. It includes Current Status, Total and Pending tasks and assigned team etc.	
Role based Functionalities Different users are assigned different roles and could access different functionalities as per their roles. For example only admin roles could update teams and other configuration tasks.	Project and Team Mapping Projects are created and assigned to different teams lead me team manager.
Task Management Tasks are assigned to a selected user of project development team. Assigned users could work and update hours to task which will reflects over project dashboard .	Team Management Teams are comprised user or resources. A new resource and be registered in the system and assigned different roles as per requirement and hiring contract.
Project reporting and monitoring Different screens are available to monitor project progress and adjust project plans according changing environment.	Project Archiving A project can be archived. It will remove from all monitoring screens and dashboard.

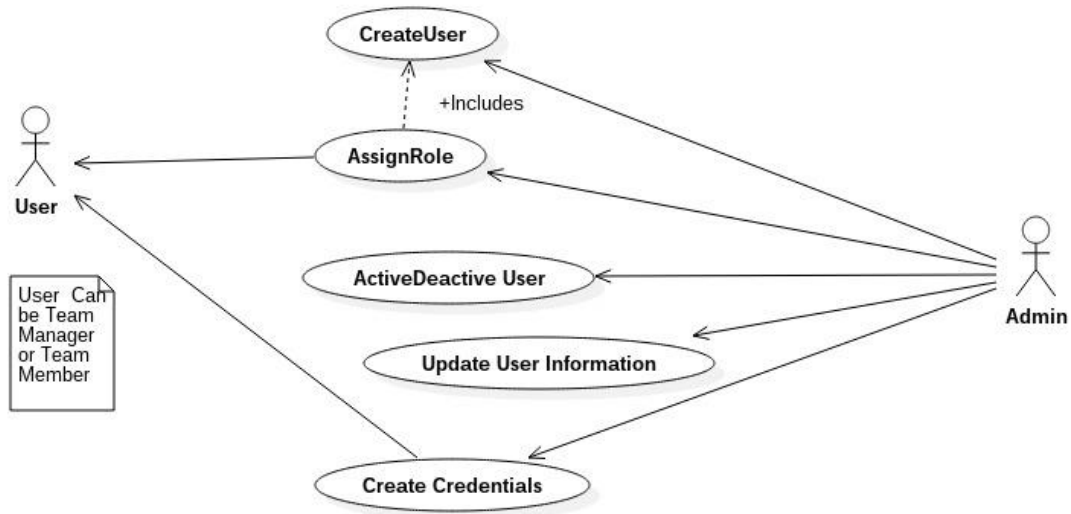
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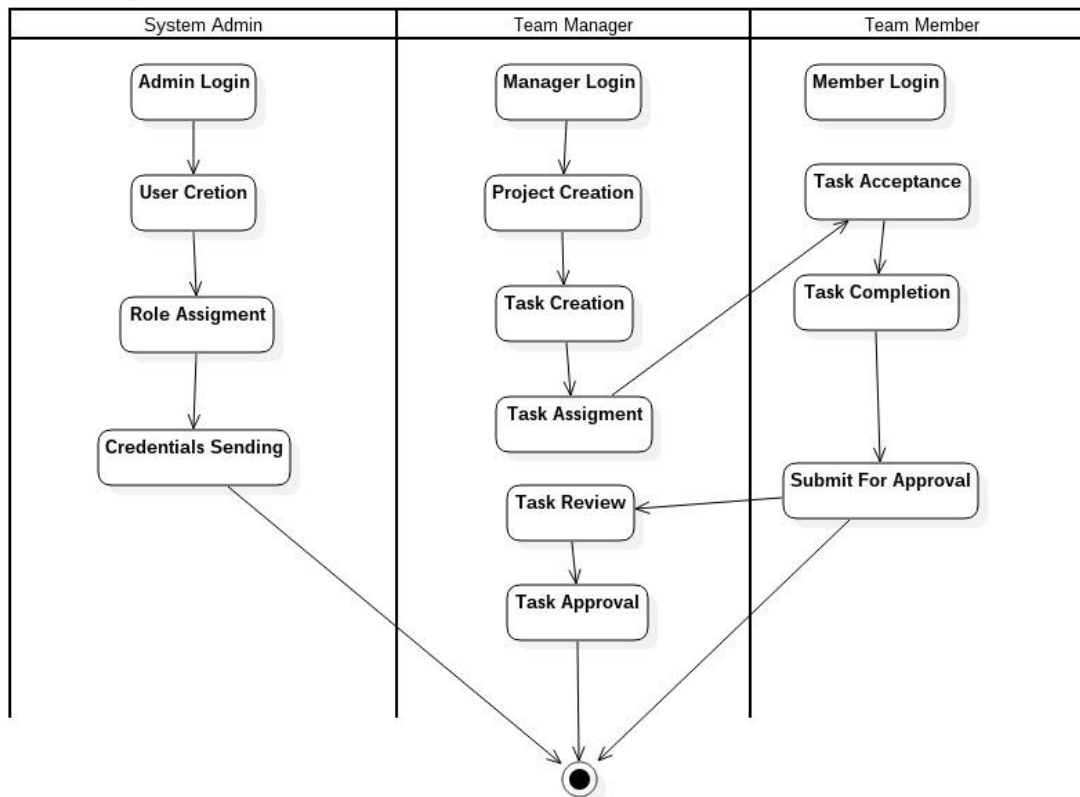
V. Design statements

Project Management Use Case

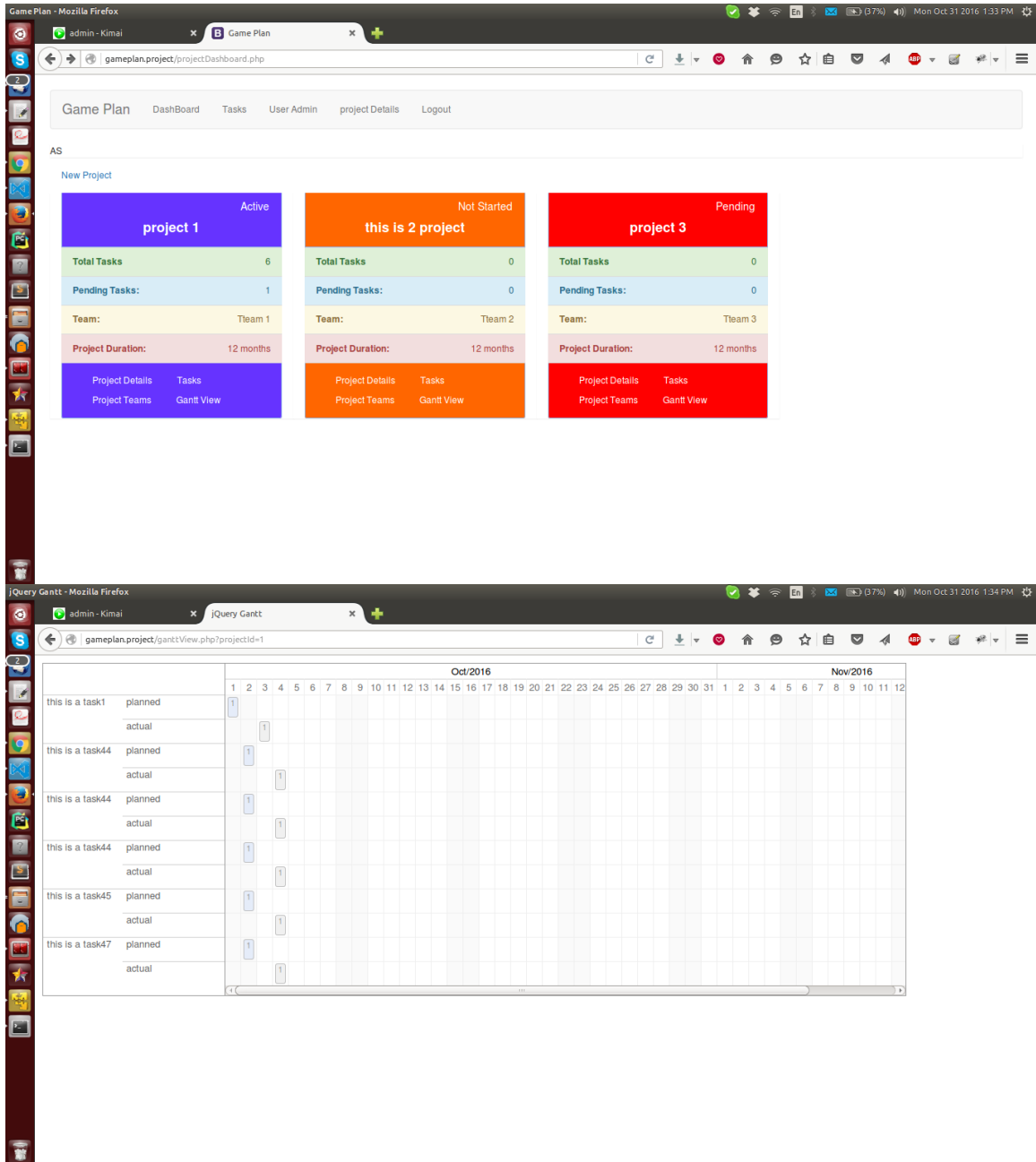


Project Admin Use Case





VI. App Snapshots



Game Plan - Mozilla Firefox

admin - Kimai

Game Plan

gameplan.project/tasks.php

Game Plan

Dashboard

Tasks

User Admin

project Details

Logout

AS

Filter

Select Content:

- All
- project 1 (Active)
- this is 2 project (Not Started)
- project 3 (Pending)

task Admin

task

Add

Edit

Remove

	Project	Task Phase	title	Description	planned Start	Planned Duration	Actual Start	Actual Duration	Current Status
1	project 1	Anlysis	Docs Review	this is a task1	2016-09-01	3 Months	2016-09-03	3 Months	Active
2	project 1	Anlysis	WireFrame	this is a task44	2016-09-02	3 Months	2016-09-04	3 Months	Active
3	project 1	Anlysis	WireFrame	this is a task44	2016-09-02	3 Months	2016-09-04	3 Months	Active
4	project 1	Anlysis	WireFrame	this is a task44	2016-09-02	3 Months	2016-09-04	3 Months	Active
5	project 1	Design	WireFrame	this is a task45	2016-09-02	3 Months	2016-09-04	3 Months	Active
6	project 1	Anlysis	WireFrame	this is a task47	2016-09-02	3 Months	2016-09-04	3 Months	Pending

gameplan.project/tasks.php

Game Plan - Mozilla Firefox

admin - Kimai

Game Plan

gameplan.project/users.php

Game Plan

Dashboard

Tasks

User Admin

project Details

Logout

AS

Filter

Select Content:

- All
- Active
- Not Available
- Pendings
- Prospective

User Admin

User

Add

Edit

Remove

	Resource Id	Name	password	email	GroupIdName	StartContract	EndContract	CurrentStatusId
1	0	Admin user	pwd	admin@testli.com	0	12/31/2016		1
2	2	Resource 2	pwd	rs1@testli.com	1	12/31/2016	08/25/2016	2
3	3	Resource 3	pwd	rs1@testli.com	2	12/31/2016	08/18/2016	1
4	4	Resource 4	pwd	rs1@testli.com	3	12/31/2016		2
5	11		11	11	0	08/17/2016	08/18/2016	1
6	12		12	12	1	08/17/2016	08/17/2016	2

gameplan.project/users.php

VII. Entity Relationship Diagram