

# Software Engineering Project

## Spring 2018

A GUI style storyboard for a Project Management System created by the fictitious company, FrostByte. This storyboard focuses on how the user will create a project, utilize their “Home” page and how to create functional requirements (specifically the Deliverables, Tasks, Action Items, Issues, Resources and Requirements).

*Click a link to go to slide*

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User opens application. Login prompt



# Welcome

User has option to create new project or open existing one



**Create New Project**



**Open Existing Project**

# User chooses to create new project

## Create New Project

Project Name (Required)

Client Name

Finish Date

Cancel

Save

is empty, the user is able to create any item with no restrictions.

## Export

# User Name

January 1, 2018

1

Home: Continued. Scrolling down will show items in different categories.

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Items Past Due:

Unique ID	Name	Resource	Due Date	Days Overdue
N/A				

Items Coming Due:

Unique ID	Name	Resource	Due Date	Days Til' Due
N/A				

Items Scheduled to Start:

Unique ID	Name	Resource	Due Date	Days Til' Start
N/A				

# Home: Continued. Scroll down for critical path

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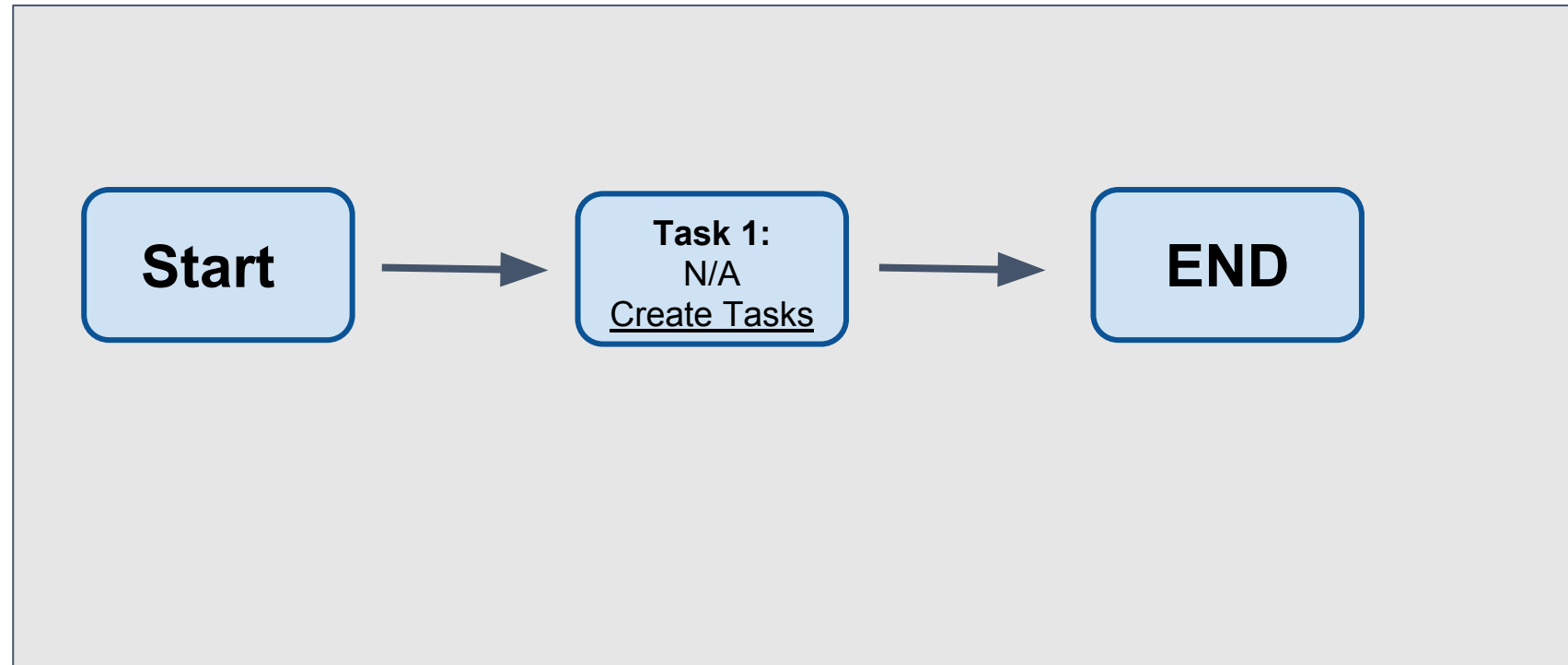
Reference

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**Critical Path:** **Empty**. Please create **Tasks** to initiate **Critical Path**





**Deliverables:**

*Click **Deliverables**.* This will bring the user to a table view of all Deliverables. There are currently no existing deliverables. The system will advise the user to create a deliverable in the small prompt box on the right of the deliverables list.

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Deliverables

Sort

Filter

ID	Name	Date (Due)
.		
.		
.		
.		
.		
.		
.		
.		

new

Edit

Delete

Deliverable Description

There are currently no deliverables. Please click **new** to create a new deliverable.

**Deliverables:**

Click **New** button above the small prompt box on the right of the deliverables list. This will take the user to an empty deliverable form.

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Deliverables

SortFilter

ID	Name	Date (Due)
.		
.		
.		
.		
.		
.		
.		
.		

← □ □ □ →

New

Edit

Delete

**Deliverable Description**

There are currently no deliverables. Please click **new** to create a new deliverable.

**Deliverables:** The user is taken to a new deliverable form. Here, the user must fill in all the required information.

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Deliverables

Del-0000044

Name (Required)

Description

Characters Remaining: 280

Due Date (mm/dd/yy)

ADD List of Requirements

ADD List of Tasks

Clear All

Requirements

Remove

Tasks

Remove

Save

**Deliverables:** The system automatically creates a Unique ID. The Unique ID is in the form AAA-#####. (AAA = First 3 letters of Type, # start at 0 and increment by 1 each time a new one is created). This applies to types under “Functional Bar”, where applicable.

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Deliverables

Del-0000044

Name (Required)

Description

Characters Remaining: 280

Due Date (mm/dd/yy)

ADD List of Requirements

ADD List of Tasks

Cancel

Clear All

Save

Requirements

Remove

Tasks

Remove

**Deliverables(continued):** The user will enter the name of the Deliverable

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Export

Deliverables

Del-0000044

Functionality

Description

Characters Remaining: 280

Due Date (mm/dd/yy)

ADD List of Requirements

ADD List of Tasks

Cancel

Clear All

Save

Requirements

Remove

Tasks

Remove

**Deliverables(continued):** The user will enter the description of the Deliverable. The description is limited to 280 characters. A small label below keeps track of the remaining number of characters in the description.

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Deliverables

Del-0000044

Functionality

This is...

Characters Remaining: 270

Due Date (mm/dd/yy)

ADD List of Requirements

ADD List of Tasks

Clear All

Requirements

Remove

Tasks

Remove

Save

**Deliverables:** User chooses a due date, GUI Calendar Dialog Box appears. User selects the date on the calendar to fill date field. The default date, that shows whenever a calendar popup appears, will be the current date (pretend today is Apr. 21, 2018). User can edit the **calendar header** to quickly jump to a specific month or year. This applies to all date edits on all functions

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Deliverables

Del-0000044

Functionality

This is...

Characters Remaining: 270

2/21/2018

ADD List of Requirements

ADD List of Tasks

April 2018

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Remove

Remove

Cancel

Clear All

Save

**Deliverables:** User chooses List of Requirements by clicking on the button “Add List Of Requirements”. The user can filter what they are look for.

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Del-0000044

Functionality

This is...

Characters Remaining: 270

2/21/18

Add List Of Requirements

New

Add List Of Tasks

New

Clear All

Cancel

Settings

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Requirements

Remove

Tasks

Remove

Save



**Deliverables:** Here, the dialog box appears above the button the user clicked. The user can filter out the list of requirements based on name or category. The dialog box is empty for a new project.

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Dialog

List Of Requirements

Name	Category
Horse	Functional
Test	User Interface

Filter by Name

Name

Filter by Category

CategoryFunctional

Clear All

Add

Back

Remove

Remove

Save

**Deliverables:** If there are no Requirements in the PMS, the user has the ability to create a new Requirement by clicking on the New button. The New button will then open up the Requirement form.

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Deliverables

Del-0000044

Name (Required)

Description

2/21/18

ADD List of Tasks

New

New

Add

Add

Clear All

Cancel

Requirements

Unique Identifier (Required)

Name

Requirement Text

Source Document

Location (pg., para.)

Client Source

Deliverable

Cancel

Save

Remove

Save

**Deliverables:** Once the user selects their choice, they click on the Add button and the selected Requirement will appear on the right hand side in a List View.

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Deliverables

Del-0000044

Name (Required)

Description

2/21/18

Requirement 1

New

Add

ADD List of Tasks

New

Add

Clear All

Requirements

Requirement 1

Remove

Tasks

Remove

Cancel

Save

**Deliverables:** If the user decides to remove the Requirement for whatever reason, they may select the Requirement in the list and click on the Remove button.

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Deliverables

Del-0000044

Name (Required)

Description

2/21/18

Requirement 1

ADD List of Tasks

New

Add

New

Add

Clear All

Cancel

Save

Requirements

Requirement 1

Remove

Tasks

Remove

**Deliverables:** User chooses List of Tasks by clicking on the dropdown box. The box will contain all the Tasks that are currently stored in the PMS.

SettingsExport

Functional

DeliverablesTasksAction ItemsIssuesDecisionsResourcesRisksRequirementsChangesReferenceDocumentsComponentsDefects

Deliverables

Del-0000044

Name (Required)

Description

2/21/18

NewAdd

ADD List of Tasks

Task 1

Task 2

Clear All

Cancel

Requirements

Remove

Tasks

Remove

Save

**Deliverables:** User can filter out tasks. In this example, you can filter out tasks by clicking on the Name, Expected Start Date, or Expected End Date buttons.

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Dialog

List Of Tasks

Name	Expected Start Date	Expected End Date
Coding	2018-05-10	5/25/2018
TESTING	2018-05-06	5/6/2018

Filter by Name

Name

Filter by Expected Due Date

Between

12/31/1970

and

12/31/2099

Clear All

Back

Add

Cancel

Task 1

Task 2

Clear All

Save

Remove

Remove

**Deliverables:** Once the user selects a tasks and adds it, a pop-up message will appearing confirming it.

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Dialog

List Of Tasks

Name	Expected Start Date	Expected End Date
NG	2018-05-06	5/6/2018
ng	2018-05-10	5/25/2018

Filter by Name  
Name

Between  and

Clear All

Back

Add

Success

The Task has been successfully added.

OK

Cancel

Task 1

Task 2

Clear All

Save

Remove

Remove

**Deliverables:** After seeing a pop-up message, the User can now press back button to see the added task.

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Dialog

Deliverables

Name

Description

Characters Remaining: 280

Due Date

5/10/2018

List of Requirements

Add Requirement

New

List of Tasks

Add Task

New

Cancel

Clear All

Save

Requirements

Remove

Tasks

Coding

Remove

Cancel

Task 1

Task 2

Clear All

Save



**Deliverables:** If there are no Tasks in the PMS, the user has the ability to create a new Task by clicking on the New button. The New button will then open up the Task form.

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Del-0000044

Name (Required)

Description

2/21/18

ADD List of Tasks

Tasks

Tas-000012

Name

Description

Resource Assigned

Expected Start Date

Expected End Date

Expected Duration

Expected Effort

Actual Start Date

Actual End Date

New

Add

Clear All

Comments

Remove

Remove

Cancel

Save

**Deliverables:** Once the user selects their choice, they click on the Add button and the selected Task will appear on the right hand side.

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Del-0000044

Name (Required)

Description

2/21/18

New

Add

Task 1

New

Add

Clear All

Cancel

Requirements

Remove

Tasks

Task 1

Remove

Save

**Deliverables:** If the user decides to remove the Task for whatever reason, they may select the Task in the list and click on the Remove button.

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Del-0000044

Name (Required)

Description

2/21/18

NewAdd

Task 1

NewAdd

Clear All

Cancel

Requirements

Remove

Tasks

Task 1

Remove

Save

**Deliverables:** Once the user has entered the information, the user can save the Deliverable to PMS.

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Del-0000044

Functionality

This is...

2/21/18

Requirement 1

New

Add

Task 1

New

Add

Cancel

Clear All

Save

Requirements

Requirement 1

Requirement 8

Remove

Tasks

Task 1

Task 7

Task 9

Remove

**Deliverables:** User saves deliverable. Goes to screen with **List** of all existing deliverables. Clicking a specific deliverable will lead to pop-up window. User will be able to sort the list (increasing or decreasing order) by clicking on the **column headers**. All functions with “List of (function name)” will be similar to this. See “User Interface Requirements” for details. User can choose to create more deliverables or other functions.

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new

Edit

Delete

Deliverables

ID

Name

Date (Due)

Del-000043

Latest Deliverable

02/18/2018

Del-000042

Previous Deliverable

03/15/2018

Del-000041

Another Deliverable

03/17/2018

Del-000040

First Deliverable

03/20/2018

.

.

.

.

.

.

.

.

Sort

Filter

←

□

□

□

→

Deliverable Description

Name: Latest Deliverable

Unique ID:

Last Updated: 2/19/18

Description:

First Deliverable created

Requirements:

• First Requirement

• Second Requirement

Tasks:

• Task 1

• Task 2

update

Cancel

**Tasks:** *Click Tasks.* This will bring the user to a table view of all Tasks. There are currently no existing Tasks. The system will advise the user to create a Task in the small prompt box on the right of the deliverables list.

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Tasks

new

edit

Task ID	Task Name	Status	Duration	Date(start/end)	Summary
---------	-----------	--------	----------	-----------------	---------

Successor Tasks

Predecessor Tasks

←

→

Task Description

There are currently no Tasks. Please click **new** to create a new Task

# Tasks Form: The system automatically generates the UID.

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Tasks

Tas-000012

Name

Description

Characters Remaining: 280

Resource

New

Add

Expected Start Date

Expected End Date

Cancel

Save

Issues

Remove

Successor

Remove

Resources

Remove

Predecessor

Remove

# Tasks Form: User enters a name

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Tasks

Tas-000012

Hire a team

Description

Characters Remaining: 280

Resource

New

Add

Expected Start Date

Expected End Date

Cancel

Save

Issues

Remove

Successor

Remove

Resources

Remove

Predecessor

Remove



# Tasks Form: User enters a description

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Tas-000012

Hire a team

This is a task

Characters Remaining: 266

Resource

New

Add

Expected Start Date

Expected End Date

Cancel

Save

Issues

Remove

Resources

Remove

Successor

Remove

Predecessor

Remove

**Tasks** Form: User can add Resource(s) that are currently stored in the PMS to the Task by clicking on the *Add button*. If the PMS has no Resources, the user can create a new Resource by clicking on the *New button* which will open a Resource Form. The user can also remove the added Resource from the list by clicking on the *Remove button*

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Tasks

Tas-000012

Hire a team

This is a task

Characters Remaining: 266

Resource

New

Add

Res.1

t Date

Res. 2

Date

Res. 3

Res. 4

Save

Issues

Remove

Successor

Remove

Resources

Remove

Predecessor

Remove

# Tasks Form: User clicks on Expected Start Date and GUI Calendar Popup appears. User can then select a date.

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Tas-000012

Hire a team

This is a task

Characters Remaining: 266

Resource

New

Add

4/21/18

Expected End Date

Cancel

Save

Issues

April 2018

< >

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Remove

Resources

Remove

Predecessor

Remove

# Tasks Form: User clicks on Expected End Date and GUI Calendar Popup appears. User can then select a date.

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## Tasks

Tas-000012

Hire a team

This is a task

Characters Remaining: 266

Resource

New

Add

4/21/18

5/21/18

Cancel

Save

## Issues

May 2018

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

move

Remove

## Resources

Remove

## Predecessor

Remove

# Tasks: The PMS will auto-calculate the Expected Duration given the Expected Start and End Dates.

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Tasks

30

Days

Expected Effort

Days

Actual Start Date

Weeks

Actual End Date

Months

Actual Duration

Actual Effort

Effort Completed %

☐ Auto-Calculate

Cancel

Save

Issues

Remove

Successor

Remove

Resources

Remove

Predecessor

Remove

**Tasks:** User enters the Expected Effort. The unit of measurement will be in days for consistency.

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## Reference

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## Defects

# Tasks

30

## Days

100

Days

Actual Start Date

Actual End Date

## Actual Duration

## Actual Effort

## Effort Completed %

☐ Auto-Calculate

Cancel

Save

## Issues

## Resources

Remove

Remove

## Successor

## Predecessor

Remove

Remove







# Tasks Form: The PMS will auto-calculate the Actual Duration given the Actual Start and End Dates

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## Tasks

30

Days

100

Days

4/21/18

6/21/18

60

Days

Actual Effort

Effort Completed %

☐ Auto-Calculate

Cancel

Save

## Issues

Remove

## Successor

Remove

## Resources

Remove

## Predecessor

Remove

# Tasks Form: User will enter the Actual Effort.

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Tasks

30

Days

100

Days

4/21/18

6/21/18

60

Days

89

Days

Effort Completed %

☐ Auto-Calculate

Cancel

Save

Issues

Remove

Successor

Remove

Resources

Remove

Predecessor

Remove

**Tasks** Form: User has the option of manually entering the Effort Completed % or check the box so that the PMS can auto-calculate given the Expected Effort and Actual Effort values

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30

Days

100

Days

4/21/18

6/21/18

60

Days

89

Days

89%

☒ Auto-Calculate

Cancel

Save

Issues

Remove

Successor

Remove

Resources

Remove

Predecessor

Remove

**Tasks** Form: User can add a Predecessor Task(s) that are currently stored in the PMS to the current Task by clicking on the *Add button*. If the PMS has no stored Tasks, the user can create a new Task by clicking on the *New button* which will open another Task Form. The user can also remove the added Predecessor from the list by clicking on the *Remove button*

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Predecessor

Pred.1

Pred. 2

Pred. 3

Pred. 4

Pred.5

New

New

New

Add

Add

Add

Cancel

Save

Issues

Remove

Successor

Remove

Resources

Remove

Predecessor

Remove

**Tasks** Form: User can add a Successor Task(s) that are currently stored in the PMS to the current Task by clicking on the *Add button*. If the PMS has no stored Tasks, the user can create a new Task by clicking on the *New button* which will open another Task Form. The user can also remove the added Successor from the list by clicking on the *Remove button*

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Predecessor

New

Add

Successor

New

Add

Successor1

New

Add

Successor2

New

Add

Successor3

New

Add

Successor4

New

Add

Successor5

New

Add

Issues

Remove

Resources

Remove

Successor

Remove

Predecessor

Remove

Cancel

Save

**Tasks** Form: User can add Issue(s) that are currently stored in the PMS to the current Task by clicking on the *Add button*. If the MS has no stored Issues, the user can create a new Issue by clicking on the *New button* which will open another Issue Form. The user can also remove the added Issue from the list by clicking on the *Remove button*

# Settings Export

# Tasks

Predecessor      New      Add

Successor      New      Add

Issues **New** **Add**

Issue 1
Issue 2
Issue 3
Issue 4

# Issue 1

## Issue 2

## Issue 3

# Issue 4

Cancel

Save

## Issues

Remove

## Resources

Remove

## Successor

Remove

## Predecessor

Remove

# Tasks Form: User can save all the information by clicking Save button

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Tasks

Predecessor

New

Add

Successor

New

Add

Issues

New

Add

Cancel

Save

Issues

Issue 82

Issue 11

Remove

Successor

Task 23

Task 18

Task 13

Task 42

Remove

Resources

Resource 1

Resource 2

Remove

Predecessor

Task 3

Task 11

Task 16

Remove

**Tasks:** List of tasks in tabular format. When a Task is selected from the table, the Task's information is displayed on the right-hand side. The Task's list of related successor and predecessor tasks will be shown below and the completion of the Task is shown on the bottom right. User can filter by date, status, name, and summary task. The navigational buttons on the bottom right of the Task table will lead you to the Gantt Chart and Milestone Tasks.

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Tasks

new

edit

Task ID	Task Name	Status	Duration	Date(start/end)	Summary
Tas-0001	Feature 1	Open	31d	3/15, 4/15	yes
Tas-0002	Feature 2	Closed	21d	3/15, 4/15	yes
Tas-0003	Feature 3	Open	13d	3/28, 4/10	yes
Tas-0004	Feature 4	Open	07d	4/8,4/15	
Tas-0005	Feature 5	Open	29d	4/6, 5/5	
Tas-0006	Feature 6	Open	9d	4/6, 4/15	
Tas-0007	Feature 7	Open	35d	4/10,5/5	
Tas-0008	Feature 8	Open	7d	5/1, 5/7	yes

Task Description

Name: Feature 4

Unique ID: Tas-0004

Last Updated: 2/19/18

Description:

This feature enables a description to be 280 characters long

Resources:

- First Resource
- Second Resource

Issues:

- Issue 1
- Issue 2

Next page for Gantt

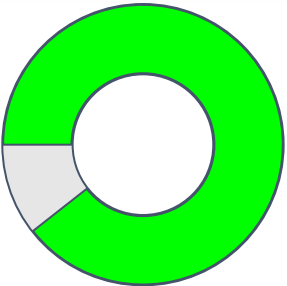
Successor Tasks

Feature 5

Predecessor Tasks

Percent Completed

49%

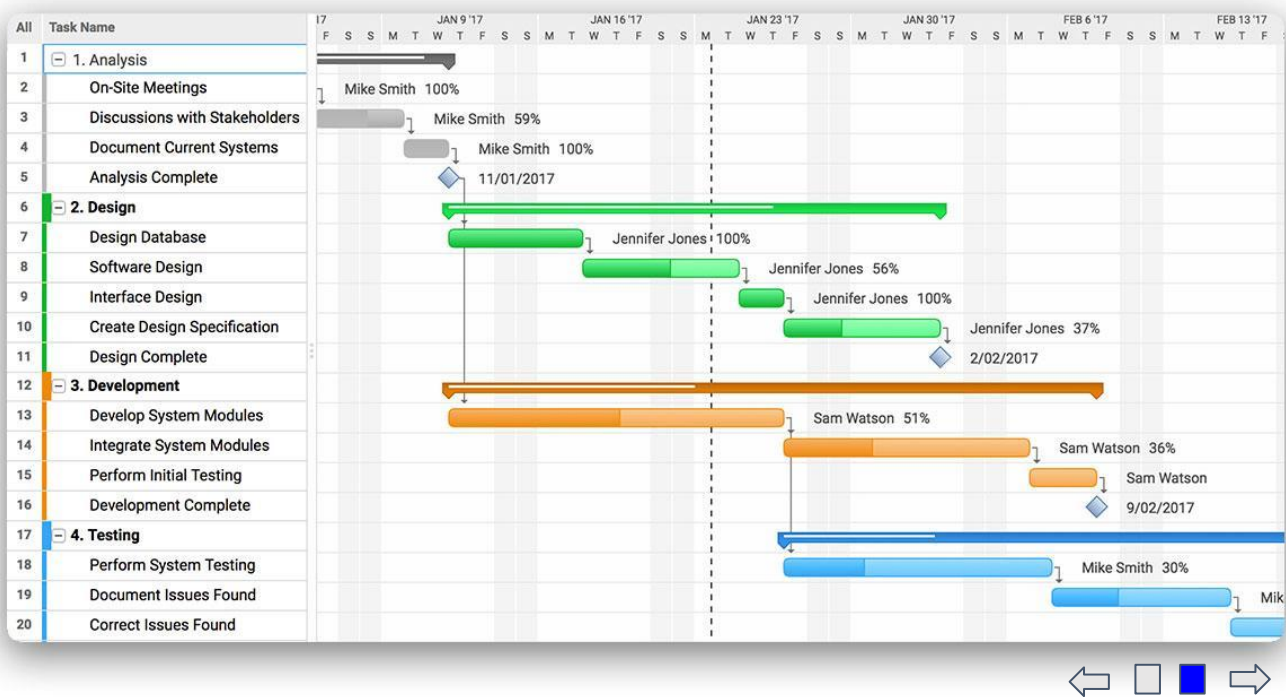




**Tasks:** A Gantt Chart displaying all the Tasks stored in the PMS can be viewed here as well as all the Milestone Tasks. Milestone tasks can be created by clicking on the new button

- Functional
- Deliverables
- Tasks
- Action Items
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- Decisions
- Resources
- Risks
- Requirements
- Changes
- Reference
- Documents
- Components
- Defects

Tasks - Schedule



Milestone Tasks

new

First Milestone	
Task 1	4/3
Task 3	4/21
Second Milestone	
Task 2	5/1
Task 4	5/4
Task 8	5/5

Summary Tasks

**Summary Tasks:** The user is able to name and group tasks under a Summary. The user can add tasks by clicking on the *Add button*. The user can also remove the added Task from the list by clicking on the *Remove button*

- Functional
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- Resources
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- Reference
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- Components
- Defects

Summary Task

Design

List of Tasks

Add

Task 1

Task 2

Task 3

Task 4

Task

Remove

Cancel

Save

**Action Items:** *Click Action Items.* This will bring the user to a table view of all Action Items. There are currently no existing Action Items. The system will advise the user to create a Action Item in the small prompt box on the right of the Action Items table.

- Functional
- Deliverables
- Tasks
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- Issues
- Decisions
- Resources
- Risks
- Requirements
- Changes
- Reference
- Documents
- Components
- Defects

## Action Items

ASSIGNED	ID	STATUS	Name	Date (created)
.				
.				
.				
.				
.				
.				
.				
.				
.				



new

Edit

Delete

Action Item Description

There are currently no Action Items. Please click **new** to create a new Action Items

Action Item: User creates an action item. PMS auto-generates a UID.

Home

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Action Items

Act-00032

Name

Description

Characters Remaining: 280

Date Created (current date)

Date Assigned

Resource Assigned

Expected Completion date

Resources

Remove

Cancel

Save

# Action Item: User enters name

Home

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Action Items

Act-00032

Hire Michael Bay

Description

Characters Remaining: 280

Date Created (current date)

Date Assigned

Resource Assigned

Expected Completion date

Resources

Remove

Cancel

Save

# Action Item: User enters description

Home

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Action Items

Act-00032

Hire Michael Bay

Needs More Explosions

Characters Remaining: 259

Date Created (current date)

Date Assigned

Resource Assigned

Expected Completion date

Resources

Remove

Cancel

Save

# Action Item: PMS will auto-generate the current date (pretend today is Apr. 25, 2018)

Home

Functional

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Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Action Items

Act-00032

Hire Michael Bay

Needs More Explosions

Characters Remaining: 259

4/25/2018

Date Assigned

Resource Assigned

Expected Completion date

Resources

Remove

Cancel

Save

# Action Item: User will select the Date Assigned to a Resource

Home

Functional

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Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Action Items

Act-00032

Hire Michael Bay

Needs More Explosions

Characters Remaining: 259

4/25/2018

5/21/2018

Resource Assigned

Expected Completion date

Resources

May 2018

Su

Mo

Tu

We

Th

Fr

Sa

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

26

27

28

Remove

Cancel

Save



Action Item: User can add a Resource(s) that are currently stored in the PMS to the current Action Item by clicking on the **Add button**. If the PMS has no stored Resource, the user can create a new Resource by clicking on the **New button** which will open a Resource Form. The user can also remove the added Resource from the list by clicking on the **Remove button**

Home

Functional

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Changes

Reference

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Components

Defects

Settings

Export

Action Items

Act-00032

Hire Michael Bay

Needs More Explosions

Characters Remaining: 259

4/25/2018

5/21/2018

Add Resources

New

Expected Completion date

Resources

Remove

Cancel

Save

Action Item: When the user clicks the **Add Resources** Button, he/she will see a dialog box with the list of resources. He/she can filter out the list of resources by skill. In this example the **Category** is name, and once the **Category** is selected, user can filter resources by the **Skill** drop-down menu. In this example, the **Category** is Programming Languages.

# Functional

# Deliverables

# Tasks

## Action Items

## Issues

# Decisions

## Resources

## Risks

# Requirements

# Changes

## Reference

# Documents

# Components

## Defects

Dialog

?

×

List Of Resources

Name	TITLE	Pay Rate
Felix Pelegrino	Software Engin...	\$21.00/yr
Jenifer Dizon	Computer Scie...	\$21.00/yr
John Smith	Graphics Desig...	\$20.00/yr

<

>

Filter by Name

Name

Filter By Title

Title

Filter by Skill

Category

Programming L... ▾

Skill

C++ ▾

C++

C

SQL

Python

Scheme

Ruby

C#

Javascript

HTML

Clear All

Add

Back

Cancel

Save

Action Item: User enters Expected Completion Date from popup calendar.

Home

Settings

Export

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Action Items

Act-00032

Hire Michael Bay

Needs More Explosions

Characters Remaining: 259

4/25/2018

5/21/2018

Resource

New

Add

9/21/18

Resources

Sep. 2018

< >

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Remove

Cancel

Save

Action Item: User enters Actual Completion Date from popup calendar.

Home

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Action Items

8/21/2018

Status

Status Description

Last updated

Aug. 2018

<

>

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Remove

Cancel

Save

Action Item: User enters the Status from a dropdown box.

Home

Functional

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Action Items

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Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Action Items

8/21/2018

Status

Open

Status Descrip

Closed

In Progress

Hold

Complete

Last updated

Resources

Remove

Cancel

Save

# Action Item: User enters the Status Description

Home

Settings

Export

Functional

Deliverables

Tasks

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Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

## Action Items

8/21/2018

Open

ASAP!

Last updated

## Resources

Remove

Cancel

Save

Action Item: The PMS will auto-generate the date for Last Updated (pretend today is Apr.25,2018). If the user creates the Action Item and edits the Status Description on another day, the PMS will auto-generate the date once again.

Home

Functional

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Action Items

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Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Action Items

8/21/2018

Open

ASAP!

4/25/2018

Resources

Remove

Cancel

Save

**Action Items:** Table view of action items. User can create and delete an Action Item. These Action Items can also be modified. Each Action Item has an assigned resource and status (Open, Closed, In-Progress, Hold, and Complete)

Functional
Deliverables
Tasks
Action Items
Issues
Decisions
Resources
Risks
Requirements
Changes
Reference
Documents
Components
Defects

## Action Items

new

Edit

Delete

ASSIGNED	ID	STATUS	Name	Date (created)
Person 1	ACT-00249	Closed	Secret 1	02/12/2018
Person 2	ACT-00023	Open	Secret 2	03/15/2018
Person 3	ACT-00191	Open	Secret 3	03/16/2018
-				
-				
-				
-				
-				
-				
-				
-				
-				

### Action Item Description

Name: Secret 1Last Updated: 2/19/18

Description:

Status Description: Make it do.

Resource assigned:

- Person 1
- Person 2

Date Assigned: 2/19/18

Expected Completion Date:

Actual Completion Date: n/a



Issues: User clicks **Issues**. This will bring the user to a table view of all Issues. There are currently no existing Issues.

# Home

## Settings

## Export

# Functional

# ISSUES

new

Edit

Delete

# Deliverables

# Tasks

## Action Items

# Issues

# Decisions

## Resources

## Risks

# Requirements

# Changes

## Reference

# Documents

# Components

## Defects

## Name - Severity

**DUE DATE:**

**Description:**

**Last updated:**

**Assigned to:**

**Status:**

### List of Action Items:

## List of Decisions

- Action Item 1
- Action Item 2

- Decision 1
- Decision 2

# Issues: User creates an issue. PMS will auto-generate a UID

Home

Functional

Deliverables

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Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Issues

ISS-00032

Name

Description

Characters Remaining: 280

Priority

Severity

Date Raised

Date Assigned

Action Items

Remove

Decisions

Remove

Cancel

Save

# Issues: User enters a name

Home

Functional

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Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Issues

ISS-00032

Hardware failure

Description

Characters Remaining: 280

Priority

Severity

Date Raised

Date Assigned

Action Items

Remove

Decisions

Remove

Cancel

Save

# Issues: User enters a description

Home

Settings

Export

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

## Issues

ISS-00032

Hardware failure

Buy new equipment

Characters Remaining: 263

Priority

Severity

Date Raised

Date Assigned

## Action Items

Remove

## Decisions

Remove

Cancel

Save

Issues: User adds a priority from the dropdown box. The user can modify the values in the list by clicking on the text box and selecting from the drop down menu, or by clicking on an issue and then clicking the **edit** button in slide 80. The values are defined based on how quickly they must be done. If the priority is high, the issue must be resolved ASAP. If the priority is low, issue has low priority and will be solved after all high and medium issues have been resolved.

- Functional
- Deliverables
- Tasks
- Action Items
- Issues
- Decisions
- Resources
- Risks
- Requirements
- Changes
- Reference
- Documents
- Components
- Defects

Issues

ISS-00032

Hardware failure

Buy new equipment

Characters Remaining: 263

Priority

High

Medium

Low

Action Items

Remove

Decisions

Remove

Cancel

Save

# Issues: User adds a severity from the dropdown box

Home

Functional

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Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Issues

ISS-00032

Hardware failure

Buy new equipment

Characters Remaining: 263

High

Severity

High

Medium

Low

Action Items

Remove

Decisions

Remove

Cancel

Save

# Issues: User selects a date from calendar popup for Date Raised

Home

Functional

Deliverables

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Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Issues

ISS-00032

Hardware failure

Buy new equipment

Characters Remaining: 263

High

High

5/21/2018

Date Assigned

Action Items

May. 2018

< >

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Remove

Remove

Cancel

Save

# Issues: User selects a date from calendar popup for Date Assigned

Home

Settings

Export

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Issues

ISS-00032

Hardware failure

Buy new equipment

Characters Remaining: 263

High

High

5/21/2018

5/21/2018

Action Items

May. 2018

< >

Su	Mo	Tu	We	Th	Fr	Sa	remove
				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	26	27	28				remove

Cancel

Save



# Issues: User selects a date from calendar popup for Expected Completion Date

Home

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Issues

6/21/2018

Actual Completion Date

Status

Status Description

Update Date

List of Action Items

List of Decisions

June 2018

<

>

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Remove

Remove

Cancel

Save

# Issues: User selects a date from calendar popup for Actual Completion Date

Home

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Issues

6/21/2018

6/21/2018

Status

Status Description

Update Date

List of Action Items

List of Decisions

Action Items

June 2018

< >

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Remove

Remove

Cancel

Save

# Issues: User selects a status from dropdown box

Home

Functional

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Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Issues

6/21/2018

6/21/2018

Status

Open

Closed

In Progress

Hold

Complete

List of Decisions

Action Items

Remove

Decisions

Remove

Cancel

Save

# Issues: User enters a Status Description

Home

Functional

Deliverables

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Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Issues

6/21/2018

6/21/2018

Open

Still need to find a supplier

Update Date

List of Action Items

List of Decisions

Action Items

Remove

Decisions

Remove

Cancel

Save

Issues: The PMS will auto-generate the date for Last Updated (pretend today is Apr.25,2018). If the user creates the Action Item and edits the Status Description on another day, the PMS will auto-generate the date once again.

Home

Settings

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Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Issues

6/21/2018

6/21/2018

Open

Still need to find a supplier

4/25/2018

List of Action Items

List of Decisions

Action Items

Remove

Decisions

Remove

Cancel

Save

Issues: User can add a Action Item(s) that are currently stored in the PMS to the current Issue by clicking on the *Add button*. If the PMS has no stored Action Item, the user can create a new Action Item by clicking on the *New button* which will open a Action Item Form. The user can also remove the added Action Item from the list by clicking on the *Remove button*

Home

Functional

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Issues

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Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Issues

6/21/2018

6/21/2018

Open

Still need to find a supplier

4/25/2018

Action Item

Action 1

Action 2

Action 3

Action 4

New

Add

New

Add

Cancel

Action Items

Remove

Decisions

Remove

Save

Issues: If the PMS has no stored Action Item, the user can create a new Action Item by clicking on the *New button* which will open a Action Item Form. The user can filter action items by **status**. The user can also remove the added Action Item from the list by clicking on the *Remove button*

- Functional
- Deliverables
- Tasks
- Action Items
- Issues
- Decisions
- Resources
- Risks
- Requirements
- Changes
- Reference
- Documents
- Components
- Defects

Dialog

List Of Action Items

Name	cted Completion	Status
ACT-01	5/14/2018	Open
ACT-02	5/18/2018	Open

Filter by Name

Name

Filter by Expected Completion Date

Between

1/1/2000

and

1/1/2000

Filter by Status

Status

Open

Clear All

Back

Add

Cancel

Save

Action 4

# Issues: Same applies to Decisions

Home

Functional

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Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Issues

6/21/2018

6/21/2018

Open

Still need to find a supplier

4/25/2018

Action Item

Decisions

Decision 1

Decision 2

Decision 3

New

Add

New

Add

Cancel

Save

Action Items

Remove

Decisions

Remove



Issues: User clicks **Issues**. Table view of Issues. Refer to “List of Deliverables” Slide and/or “User Interface Requirements” for example and details.

# Settings

# Functional

Edit

# Tasks

## Issues

## Resources

# Requirements

# Changes

## Reference

# Documents

# Components

## Defects

ID	Name	Priority	Description	Severity	Status	Date Added
ISS-00012	Parking	HIGH	Can't find parking	CRITICAL	Open	3/12/2018
ISS-00002	Room	LOW	Clean room	LOW	On-hold	01/02/2011
ISS-00004	Const	MED	Ratify constitution	HIGH	In-Progress	06/21/1788
Parking Critical				DUE DATE: 03/04/2018		

## Parking - Critical

**DUE DATE: 03/04/2018**

**Description:** hard to find parking

**Last updated: 04/01/2018**

**Assigned to:** person

**Status:** Open

### List of Action Items:

- Action Item 1
- Action Item 2

## List of Decisions

- Decision 1
- Decision 2

**Resources:** User clicks **Resources**. This will bring the user to a table view of all Resources. There are currently no existing Resources.

Home

Functional

Deliverables

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Action Items

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Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

new

Edit

Delete

Availability

April 2018

<>

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Available

Not Available

Working On other project

Today's Date

Non Work days

Resources

ID	NAME	TITLE	Expertise	Pay Rate

Skills

Name	Level

**Resources:** User chooses to create a new resource. The PMS auto-generates a UID. A color-coded availability calendar is added for easy task assignments to resources.

Home

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference Documents

Components

Defects

Settings

Export

Resources

RES-0000012

Name

Title

ADD List of Skills

Add

Pay Rate

Skills

Remove

Cancel

Available

Today's Date

Not Available

Non Work day

Working on other project

Availability Calendar

February 2018

< >

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Save

# Resources: User enters name

Home

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Resources

RES-0000012

Jones

Title

ADD List of Skills

Add

Pay Rate

Skills

Remove

Available

Today's Date

Not Available

Non Work day

Working on other project

Availability Calendar

February 2018

< >

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Save

# Resources: User enters title

Home

SettingsExport

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

## Resources

RES-0000012

Jones

Developer

ADD List of Skills

Add

Pay Rate

### Skills

Remove

Cancel

- Available
- Today's Date
- Not Available
- Non Work day
- Working on other project

## Availability Calendar

February 2018						
< >						
Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Save

# Resources: User adds list of skills which will open a new form

Home

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Settings

Export

Resources

RES-0000012

Jones

Developer

ADD List of Skills

Pay Rate

Skills

Remove

Available

Today's Date

Not Available

Non Work day

Working on other project

Availability Calendar

February 2018

< >

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Save

**Resources:** User selects “ADD List of Skills” and is directed to a simple form to add a skill to the current list. User must choose category first, before selecting skill. The list contains standard skill sets.

Home

Settings

Export

Functional

Deliverables

Tasks

Action Items

Issues

Decisions

Resources

Risks

Requirements

Changes

Reference

Documents

Components

Defects

Add a Skill

Choose a category

Programming Languages

Software Design

Graphics

First Step

Cancel

Choose a skill

C

C++

Java

Linux

PHP/SQL

Second Step

Skill Level

Add

**Resources:** User selects the skill level. The user selects a number from 1-5 (1 having a small amount of knowledge and 5 having mastered the skill) by clicking on the *up and down arrows*. The default skill level is 1.

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Add a Skill

c

▼

2

▲▼

Cancel

Add



**Resources:** The skill and its skill level is then added to the list view on bottom left.

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Resources

RES-0000012

Jones

Developer

ADD List of Skills

Pay Rate

Skills

C

2

Remove

Available

Today's Date

Not Available

Non Work day

Working on other project

Availability Calendar

February 2018

< >

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Cancel

Save

# Resources: User enters pay rate per hour.

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RES-0000012

Jones

Developer

ADD List of Skills

\$

100

/hr

Skills

C

2

Remove

Cancel

Save

Availability Calendar

February 2018

< >

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Available

Today's Date

Not Available

Non Work day

Working on other project

**Resources:** User can select a day on the Availability Calendar in which the Resource will be Available, Not Available, or Working on other project. Clicking on the day will open a new form.

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Resources

RES-0000012

Jones

Developer

ADD List of Skills

\$

100

/hr

Skills

C

2

Remove

Cancel

Save

Availability Calendar

April 2018

<

>

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

**Resources:** User selects a time slot. The user can create/edit/delete events in the resource's schedule

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Export

April 23, 2018

Start Time

9:00

am

End Time

12:00

noon

Short Description

Availability Index

Unavailable

▼

Event Details

Clear All

Cancel

Delete Event

Save

**Resources:** User enters a short description of the event.

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Export

April 23, 2018

Start Time

9:00

am

End Time

12:00

noon

Vacation

Availability Index

Unavailable

▼

Event Details

Clear All

Cancel

Delete Event

Save

# Resources: User enters the Availability Index from the dropdown box

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Export

April 23, 2018

Start Time

9:00

am

End Time

12:00

noon

Vacation

Availability Index

Unavailable

▼

Event Details

Available

Unavailable

Working on other project

Clear All

Cancel

Delete Event

Save

# Resources: User enters the details of the event

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Export

April 23, 2018

Start Time

9:00

am

End Time

12:00

noon

Vacation

Availability Index

Unavailable

▼

Going to disneyland

Clear All

Cancel

Delete Event

Save

**Resources:** The saved event will now appear on the availability calendar. The color will depend on the Availability Index the user has placed. The user can edit or delete the event by clicking on it.

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RES-0000012

Jones

Developer

ADD List of Skills

100/hr

Skills

C2

Remove

Cancel

Availability Calendar

April 2018

<>

Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Save

Available

Today's Date

Not Available

Non Work day

Working on other project



**Resources:** Displayed and listed in tabular format. On the right side of the list will be an availability calendar (It will only show today's date in blue). Clicking on a resource will automatically update the calendar with the new resources availability and list their skills on the bottom left. User can create, edit, and delete resources.

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Resources

ID	NAME	TITLE	Expertise	Pay Rate
Res-00012	Jones	Developer	User Interface	\$63,000/yr
Res-00032	Carla	Developer	database	\$64,000/yr

Jone's Skills

Name	Level
Linux	2
C++	3
Java	5

new

Edit

Delete

Jone's Availability

April 2018						
Su	Mo	Tu	We	Th	Fr	Sa
				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	26	27	28			

Available

Not Available

Working On other project

Today's Date

Non Work days

**Requirements:** User clicks **Requirements**. List view of Requirements. Refer to “List of Deliverables” Slide and/or “User Interface Requirements” for example and details.

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Requirements

new

Edit

Delete

ID	NAME	SOURCE	LOCATION	CLIENT REF	DELIVERABLE

Requirement Text

**Requirements:** User chooses to create a new requirement. An empty form with appropriate fields appears. PMS will auto-generate a UID

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Requirements

REQ-0073

Name

Requirement Text

Source Document

Location (pg., para.)

Client Source

Deliverable

Cancel

Save

# Requirements: User enters name

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## Requirements

REQ-0073

GUI Requirement 1

Requirement Text

Source Document

Location (pg., para.)

Client Source

Deliverable

Cancel

Save

# Requirements: User enters the Requirement Text

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Requirements

REQ-0073

GUI Requirement 1

The User Interface shall comply to the Microsoft standard and feel.

Source Document

Location (pg., para.)

Client Source

Deliverable

Cancel

Save

# Requirements: User enters the name of Source Document

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REQ-0073

GUI Requirement 1

The User Interface shall comply to the Microsoft standard and feel.

PMS Requirements v2.docx

Location (pg., para.)

Client Source

Deliverable

Cancel

Save

# Requirements: User enters the Location

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REQ-0073

GUI Requirement 1

The User Interface shall comply to the Microsoft standard and feel.

PMS Requirements v2.docx

1, 10

Client Source

Deliverable

Cancel

Save

# Requirements: User enters the Client Source

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## Requirements

REQ-0073

GUI Requirement 1

The User Interface shall comply to the Microsoft standard and feel.

PMS Requirements v2.docx

1, 10

1, 9

Deliverable

Cancel

Save



**Requirements:** User enters the Deliverable that is currently stored in the PMS from the dropdown box.

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REQ-0073

GUI Requirement 1

The User Interface shall comply to the Microsoft standard and feel.

PMS Requirements v2.docx

1, 10

1, 9

Deliverable

Deliverable 1

Deliverable 2

Cancel

Save

**Requirements:** User can click on the new item and view it's Requirement text on the bottom.  
User can create/edit/delete Requirements

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Requirements

new

Edit

Delete

ID	NAME	SOURCE	LOCATION	CLIENT REF	DELIVERABLE
REQ-0073	GUI Requirement 1	PMS Requirements v2.docx	Pg.1, Par.10	Pg.1, Par.9	Deliverable 8

GUI Requirement 1's Requirement Text

The User Interface shall comply to the Microsoft standard and feel.