PROJECT PLANE

DR Ahmed Shawky

Find My Device

Table of Contents

Methodology _____ 2
Sprint 1 _____ 3
Sprint 2 _____ 4
Sprint 3 _____ 5
Sprint 4 _____ 6
Sprint 5 _____ 7
Gantt chart _____ 8
Technologies _____ 9

Methodology

We will use agile methodology.

Why

The iterative nature of agile development means features are delivered incrementally, enabling some benefits to be released early as the product continues to develop.

Small incremental releases made visible to the product owner and product team through its development help to identify any issues early and make it easier to respond to change. The clear visibility in agile development helps to ensure that any necessary decisions can be taken at the earliest possible opportunity, while there's still time to make a material difference to the outcome.

How

We will divide our system into 5 sprints each sprint has its requirement phase, Design phase, Implementation phase, Test phase and Deployment phase.

Each sprint has Millstone.

Millstones

Name	Start Date	End Date	Duration
Establish the connection, sign up and login from web, PC, Android	3 – 11 – 2015	12 – 11 – 2015	8 days
CRUD operations on Devices	14 – 11 – 2015	20 – 11 – 2015	6 days
Control From PC	29 – 11 – 2015	16 – 12 – 2015	14 days
Control From Android	20 – 12 – 2015	07 – 03 – 2015	57 days
Find the Location	07 – 03 – 2015	30 – 03 – 2015	18 days

Notes

From 21 – 11 – 2015 🚩 30 – 11 – 2015 Midterm Exams

From 09 – 01 – 2015 🚩 28 – 01 – 2015 Final Exams

Sprint 1: Establish the connection, sign up and login

Start date: 03 – 11 – 2015

End date: 12 -11 – 2015

Name	Start date	End date	Duration
Requirement for sign up from web and login from Web, PC, Android	**3 – 11 – 2015**	**3 – 11 – 2015**	**1 day**
Design the Component of sign up and login	**4 – 11 – 2015**	**4 – 11 – 2015**	**1 day**
Implementation	**5 – 11 – 2015**	**10 – 11 – 2015**	**4 days**
Testing	**10 – 11 – 2015**	**11 – 11 – 2015**	**2 days**
Deploying	**12 – 11 – 2015**	**12 – 11 – 2015**	**1 day**

Implementation time plane

Method Name	Expected Time by hours
Create data base	**4**
Sign up web	**5**
Login service	**6**
Login web	**4**
Login desktop	**4**
Login android	**4**

Sprint 2: CRUD operations on Devices

Start date: 14– 11 – 2015

End date: 20– 11 – 2015

Name	Start date	End date	Duration
Requirement for CRUD Operations	**14– 11 – 2015**	**14– 11 – 2015**	**1 day**
Design the Components of Device	**15 – 11 – 2015**	**15 – 11 – 2015**	**1 day**
Implementation	**16 – 11 – 2015**	**18 – 11 – 2015**	**3 days**
Testing	**19 – 11 – 2015**	**19 – 11 – 2015**	**1 days**
Deploying	**20 – 11 – 2015**	**20 – 11 – 2015**	**1 day**

Implementation time plane

Method Name	Expected time by hours
Add device desktop	3
Add device android	3
Delete device	3
Select devices	3
Update device	3
Delete device	3

Sprint 3: Control Desktop

Start date: 29 – 11 – 2015

End date: 16 – 12 – 2015

Name	Start date	End date	Duration
Requirement	**29 – 11 – 2015**	**30 – 11 – 2015**	**2 days**
Design	**30 – 11 – 2015**	**2 – 11 – 2015**	**2 day**
Implementation	**3 – 12 – 2015**	**15 – 12 – 2015**	**9 days**
Testing	**15 – 12 – 2015**	**15 – 12 – 2015**	**1 days**
Deploying	**16 – 12 – 2015**	**16 – 12 – 2015**	**1 day**

Implementation time plane

Method Name	Expected duration
Virtual view	**8**
Select file	**12**
Select folder	**12**
Copy file	**12**
Copy folder	**12**
Delete file	**12**
Delete folder	**12**

Sprint 4: Control from android

Start date: 20 – 12 – 2015

End date: 07 – 03 – 2016

Name	Start date	End date	Duration
Requirement	**20 – 12 – 2015**	**25 – 12 – 2015**	**6 day**
Design	**25 – 12 – 2015**	**26 – 12 – 2015**	**2 day**
Implementation	**15 – 02 – 2016**	**02 – 03 – 2016**	**13 days**
Testing	**02 – 03 – 2016**	**07 – 03 – 2016**	**4 days**
Deploying	**07 – 03 – 2016**	**07 – 03 – 2016**	**1 day**

Implementation time plane

Method Name	Expected duration
Virtual view	**11**
Select file	**15**
Select folder	**15**
Copy file	**15**
Copy folder	**15**
Delete file	**15**
Delete folder	**15**

Sprint 5: Find the location

Start date: 07 – 03 – 2016

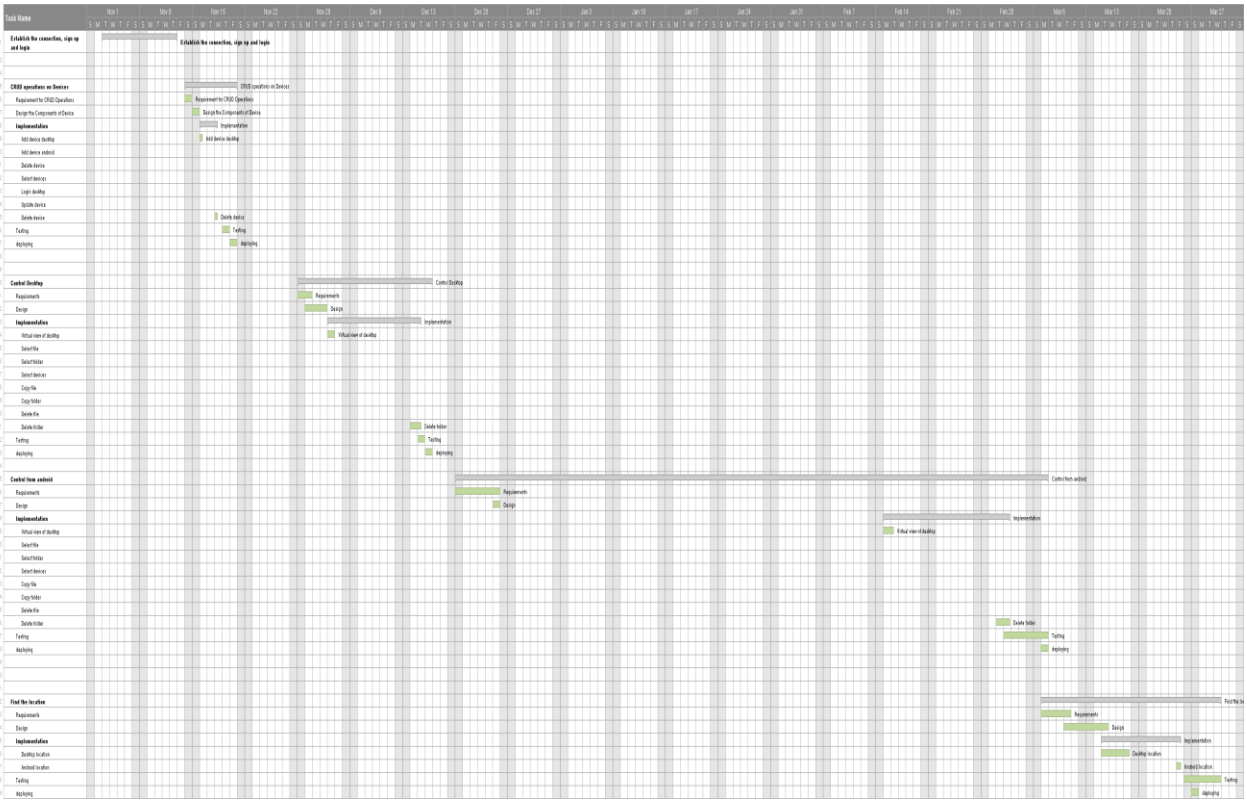
End date: 30 – 03 – 2016

Name	Start date	End date	Duration
Requirement	**07 – 03 – 2016**	**10 – 03 – 2016**	**4 day**
Design	**10 – 03 – 2016**	**15 – 03 – 2016**	**4 day**
Implementation	**15 – 03 – 2016**	**25 – 03 – 2016**	**9 days**
Testing	**26 – 03 – 2016**	**30 – 03 – 2016**	**4 days**
Deploying	**30 – 03 – 2016**	**30 – 03 – 2016**	**1 day**

Implementation time plane

Method Name	Expected duration
Desktop location	**30**
Android location	**5**

Gantt chart:



Technologies:

General:

1) git hub

2) Trello

Front-end:

1) JSF

2) Java Script

3) Jquary

4) CSS

5) Ajax

Bach-end

1) Java

2) Hibernate JPA implementation

3) Spring

4) Web service

5) JPQL

6) Mysql

7) Native Android