

# MeetMe Project Portfolio

## (By Hacker Entourage)

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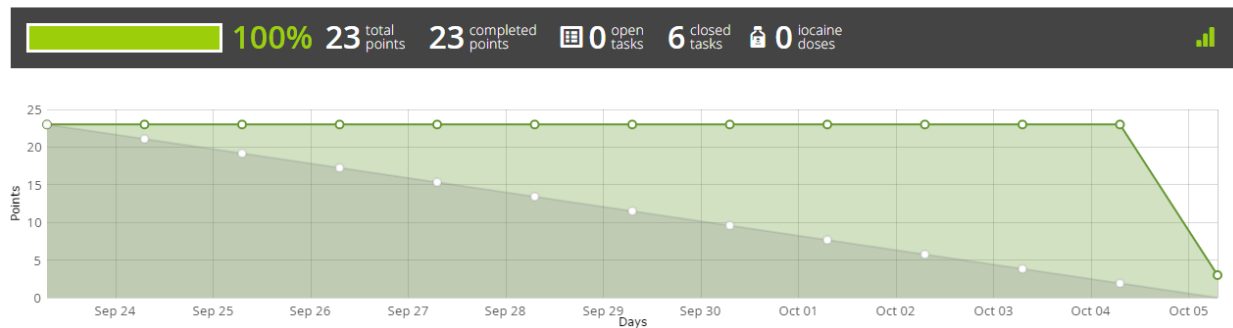
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## Burndown for Sprint1

MEETME-HACKERENTOURAGE SPRINT1 23 SEP 2015-05 OCT 2015

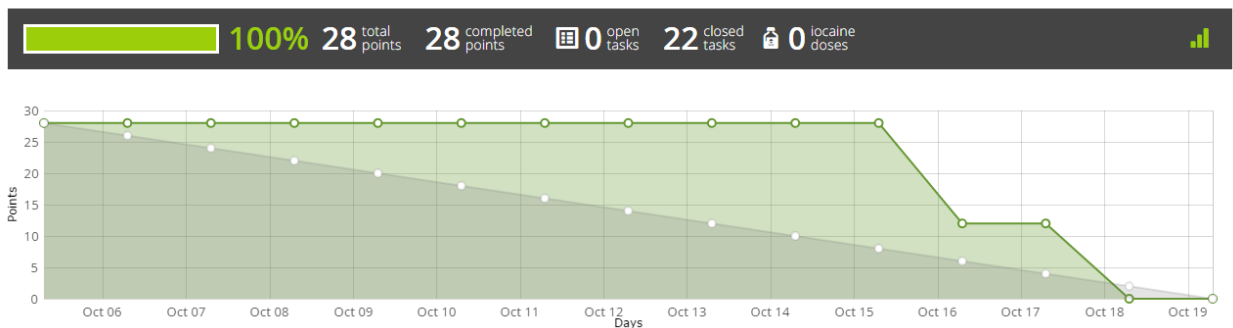


## Completed User Stories

- 1) User can connect with his Email account
- 2) User can add contacts using their meetme\_id
- 3) User can log out from his profile.

## Burndown for Sprint2

MEETME-HACKERENTOURAGE SPRINT 2 05 OCT 2015-19 OCT 2015



## Completed User Stories

- 1) User can connect with his Google account
- 2) User can view his contacts in his profile
- 3) User can only view his own meetme calendar(events)
- 4) User can edit his own meet me calendar to create meeting and add participants

## Requirements Metadata

Requirement Id	Source Id	Requirement text	Date	Effectivity/Release
A	<a href="#">1</a>	User can connect with his Email account	24-Sep	Sprint1
B	<a href="#">8</a>	User can add contacts using their meetme_id	24-Sep	Sprint1
C	<a href="#">14</a>	User can log out from his profile.	24-Sep	Sprint1
D	<a href="#">6</a>	User can connect with his Google account	24-Sep	Sprint2
E	<a href="#">9</a>	User can view his contacts in his profile	24-Sep	Sprint2
E	<a href="#">12</a>	User can only view his own meetme calendar(events)	24-Sep	Sprint2
G	<a href="#">10</a>	User can edit his own meet me calendar to create meeting and add participants	24-Sep	Sprint2

## Design documentation

### 1. Introduction

#### 1.1 Purpose of this document

This document describes the software design specifications for MeetMe-HackerEntourage, a meeting planner. It describes the overall system design in terms of user interface, dataflow and external and internal interactions.

#### 1.2 Scope of the development project

This system is used for scheduling efficient meetings involving two or more participants based on synchronizing events from the users' google calendars and the MeetMe calendar. An algorithm is

used to find a common time based on the participants' free slots and arrive at a meeting date and time.

### 1.3 Definitions, acronyms, and abbreviations

ER: Entity Relationship

### 1.4 References

<http://standards.ieee.org/findstds/standard/1016-1998.html>

<https://dzone.com/articles/requirements-metadata>

<http://html5up.net/>

### 1.5 Overview of document

The chapters and their contents are given in the following table

Chapter	Name	Content Description
1	Introduction	This Chapter itself
2	System architecture description	Overview of modules / components ER Diagram User interface – Sample screens Software specifications
3	Detailed description of components	Register Login using MeetMe id Login using Google Adding contacts Creating a meeting Adding participants to the meeting
4	Pseudocode for components	
5	Appendices	

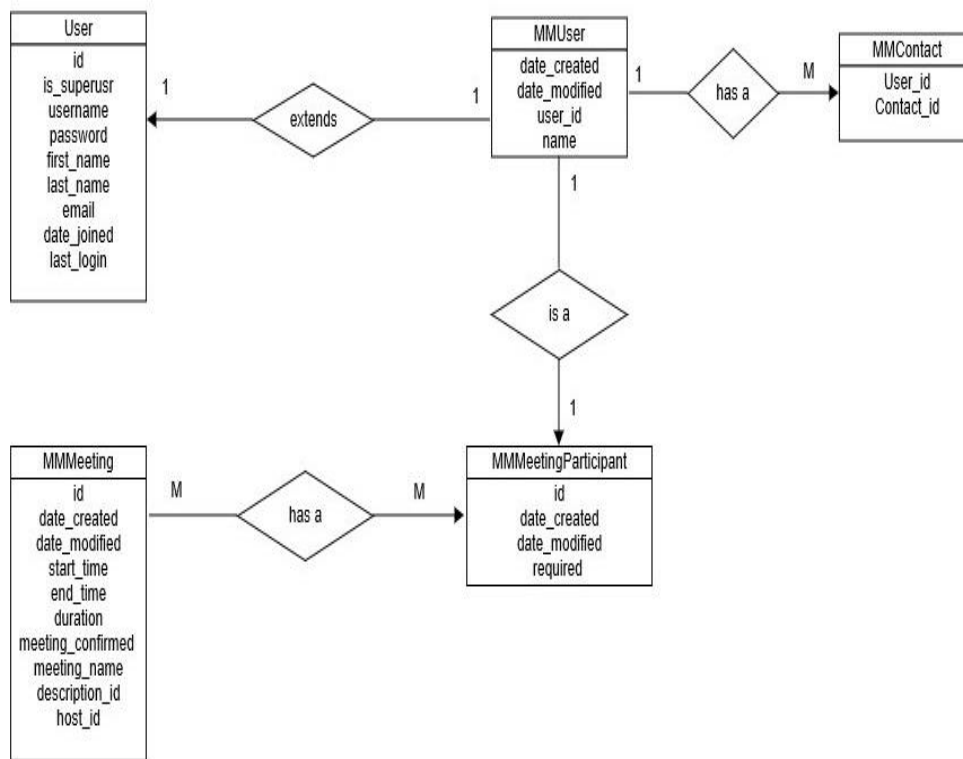
## **2. System architecture description**

### **2.1 Overview of modules / components**

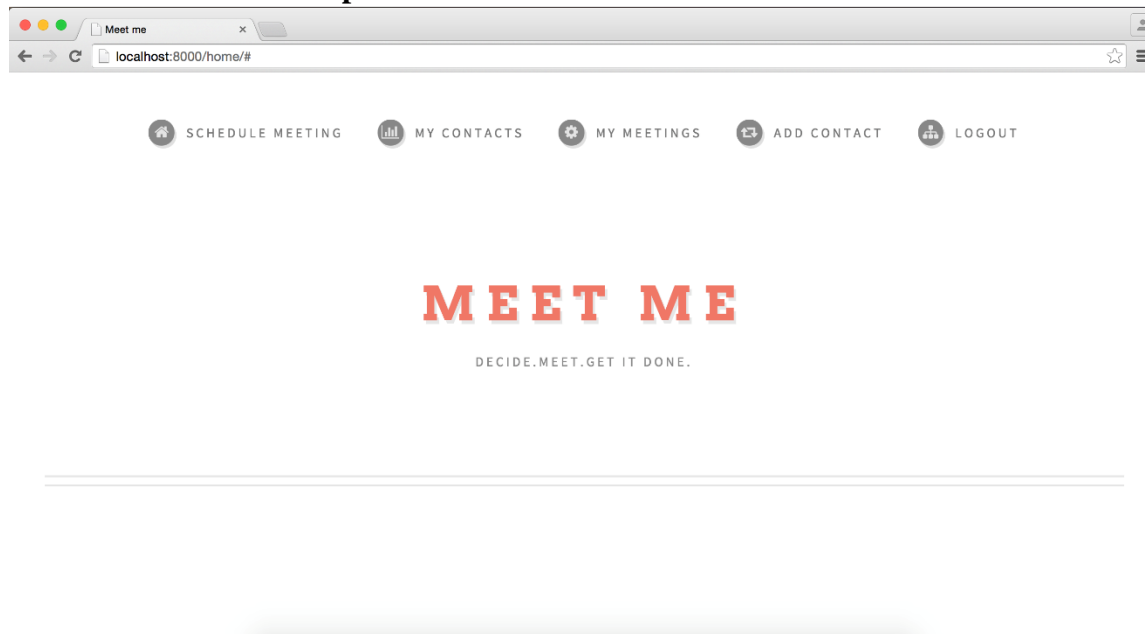
MeetMe consists of the following modules.

- Register
  - The user can create a MeetMe profile with his email id, password and personal details.
- Login using MeetMe id
  - The user can login with his credentials as created above.
- Login using Google
  - The user can also login with his google account. Google api plugin of python is used.
- Adding contacts
  - User can add other users having a MeetMe profile as their contact.
- Scheduling a meeting
  - A user can create a meeting specifying the date, preferred time, duration of meeting and the description of the meeting.
- Adding participants to the meeting.
  - The host of the meeting can choose from his contacts to add as participant to the meeting. He can choose the participant to be optional or required.

### **2.2 ER Diagram**



## 2.3 User interface – Sample screens



Hacker Entourage

localhost:8000/login/

WELCOME TO MEET-ME

EMAIL ADDRESS:

PASSWORD:

SIGN IN

If you are new to meet-me, please [register](#)  
alternatively [Sign in with google](#)

Hacker Entourage

Inbox (3) - sshirgao@asu.edu

Inbox (4,583) - soham.mahajan

localhost:8000/meetings/all/

SCHEDULE MEETING

MY CONTACTS

MY MEETINGS

ADD CONTACT

LOGOUT

## MEETINGS

Start Time	Name	Description
April 25, 2015, 5:45 a.m.	Avengers: Age of Ultron (2D) (U/A)	
May 17, 2015, 4 p.m.	ASU SE Fall 2015 Q/A Session	
June 20, 2015, 2:45 p.m.	Entourage (A)	
July 11, 2015, 11:15 a.m.	Inside Out (3D) (U)	
Aug. 9, 2015, 11:55 p.m.	Flight to Frankfurt	
Aug. 10, 2015, 11:50 a.m.	Flight to Houston	
Aug. 11, 2015, 12:08 a.m.	Flight to Phoenix	

## **2.4 Software specifications**

Programming language: Python

Framework: Django

User Interface: HTML, Javascript

Server:

Database: Sqlite

Misc: Celery, RabbitMQ.

## **3. Detailed description of components**

### **3.1 Register**

A model, view and form is created for a User consisting of the fields as specified in the ER diagram. User entered data is saved to the database. We use the base model auth\_user of the framework which consists of basic user profile data, password encryption and authenticating methods,

### **3.2 Login using MeetMe id**

The user enters his credentials and we query our database to authenticate. User is redirected to home page on success.

### **3.2 Login using Google**

The user can also login to MeetMe using his google account credentials. We make use of Google Api and OAuth to access the required data from the google server. We also pull the required calendar data in the background to sync with our Meeting table in the database. The user's google account details are saved into the User table of our database.

### **3.3 Adding contacts**

A model, view and controller is created for a Contact which stored id of a user and his contact. Both the fields are foreign keys of the User table. The user enters the MeetMe user name of the contact that he wishes to add which is used to query the User table object and add the contact table in our database. It is redirected to an error page if the user tries to add a contact who does not have a MeetMe profile.

### **3.4 Creating a meeting**

A model, view and controller is created for a Meeting that consists of the fields specified in the ER diagram. The user can choose the date range in which he wants to schedule the meeting, the duration and the preferred time. These details along with confirmed column as default No is saved to the database. After syncing with events of the other participants, the specific meeting time is arrived at and the confirmed is set to Yes. The user id i.e the host id is set as the logged in user's id.



### 3.5 Adding participants to the meeting

A model, view and controller is created for a Meeting Participant that consists of the meeting id and participant id. Meeting\_id is a foreign key of the meeting table and the participant\_id is the foreign key with the users table. A drop down is populated with the list of meetings scheduled by the user and another drop down listing his contacts is populated to choose the meeting and its participants respectively. The participant can be optional or required.

#### Test Cases

Test Case #	Test Title	Test Summary	Test Steps	Test Data	Expected Result	Status
1	Login using google	Login to meetme using google	1. Open the meetme URL. 2. Enter the authentication details. 3. Click Login	Correct set of authentication details	User must be successfully directed to his home page	Passed
2	Login using google	Login to meetme using google	1. Open the meetme URL. 2. Enter the authentication details. 3. Click Login	Incorrect username or password	User will be directed to error page	Passed
3	Enter invalid email address	Entering invalid characters in the email field	1. Open the meetme URL 2. Enter the email address 3. Click login	Invalid characters(eg :skipping @ symbol)	Error message will be thrown	Passed
4	Add contacts	Adding contacts not in the database	1. Go to the user's home page. 2. Click on add contacts 3. Enter the contact name	Invalid contact name	Error message will be thrown	Passed
5	Add participant	Adding participant not present in the database	1. Go to the user's home page. 2. Click on add participant 3. Enter the participant name	Invalid participant name	Error message will be thrown	Passed

6	Enter wrong password	Entering invalid password while signing in	1. Go to the meetme URL 2. Enter the authentication details 3. Click Login	Incorrect password	User will be asked to sign in again	Passed
7	Add existing contacts	Adding existing contacts to the add contacts list	1. Go to the user's home page. 2. Click on add contacts 3. Enter the contact name	Enter already existing contact	The contact won't be added to the database	Passed
8	Add a meeting	Add a meeting for the user	1. Go to the user's homepage 2. Click on add a meeting 3. Enter the details of meeting	Leave the time field blank	User gets a warning to include all the necessary fields	Passed
9	Add a meeting	Add a meeting for the user	1. Go to the user's homepage 2. Click on add a meeting 3. Enter the details of meeting	Leave the date field blank	User gets a warning to include all the necessary fields	Passed
10	Register for a meetme account	Register by providing all the details required	1. Go to the meetme URL 2. Enter the required details 3. Click Register	Enter the appropriate number of characters for username	User gets a warning to include the necessary number of characters (less than 30)	Passed
11	Register for a meetme account	Register by providing all the details required	1. Go to the meetme URL 2. Enter the required details 3. Click Register	Enter the email address without '@' symbol	User gets a warning to enter the email address correctly	Passed
12	Enter valid email and password	Login to the meetme account using a valid email and password	1. Go to the meetme URL 2. Enter the authentication details 3. Click Login	Enter the correct combination of email and password	User gets to login to his meetme account	Passed
13	Add contacts	Add contacts present in the database	1. Go to the user's home page. 2. Click on add contacts 3. Enter the contact name	Enter the correct contact name	User can add his contacts which is reflected in the database	Passed

14	Add a meeting	Add a meeting for the user	<ol style="list-style-type: none"> <li>1. Go to the user's homepage</li> <li>2. Click on add a meeting</li> <li>3. Enter the details of meeting</li> </ol>	Enter the starting time and date, ending time and date, duration etc. along with the participants' name	The meeting details will be saved in the database.	Passed
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