



# JustMeet

## A better Meeting Planner

Distributed Software Development 2015/2016

# Overview 1/2



- Project background
- Requirements: Gathering Process
- Functional Requirements
- Non-functional Requirements
- Initial product backlog

# Overview 2/2



- Product Architecture
- Mockups
- Technologies

# Changes



- Start/end of each sprint will be on Thursday
- Short daily reports about status of tasks
- Each person in the team will work on front-end and back-end part i.e. splitting work by user stories

# Project Background



**PROBLEM:** difficulty to schedule a meeting



- Better and more efficient application of meeting planners available:
  - Using information in the users' calendars
  - Respecting privacy

# Requirements: Gathering Process

- Discussing in the team
- Interviewing potential customers
- Contacting official customer
- Using Project documents

KEYWORD	DEFINITIONS
User	A client who provided his credentials to the system and has been authenticated by the system
Visitor	A non authenticated User
Event	User created happening
Time slot	An interval of time for the proposed event, that can be free or occupied
Planner	The tentative calendar containing free time slots of the participating users for the proposed event
User private calendar	Calendar provided by an external service connected to the respective user
Attendant	A user invited to a meeting and joined the meeting

# User Stories 1/3



ID	USER STORY	PRIORITY
UserStory1	As visitor I want to be able to register to the system: - receiving an e-mail with invitation for event and details of event - filling data in the register page	High
UserStory2	As an user I want to be able to login/logout at the application with my account	High
UserStory3	As an user I want to receive an e-mail with my new password if I forget the first one	High
UserStory4	As an user I want to schedule a meeting or an event and choose time slots	High
UserStory5	As an user I want to choose attendants in the meeting or event	High



# User Stories 2/3

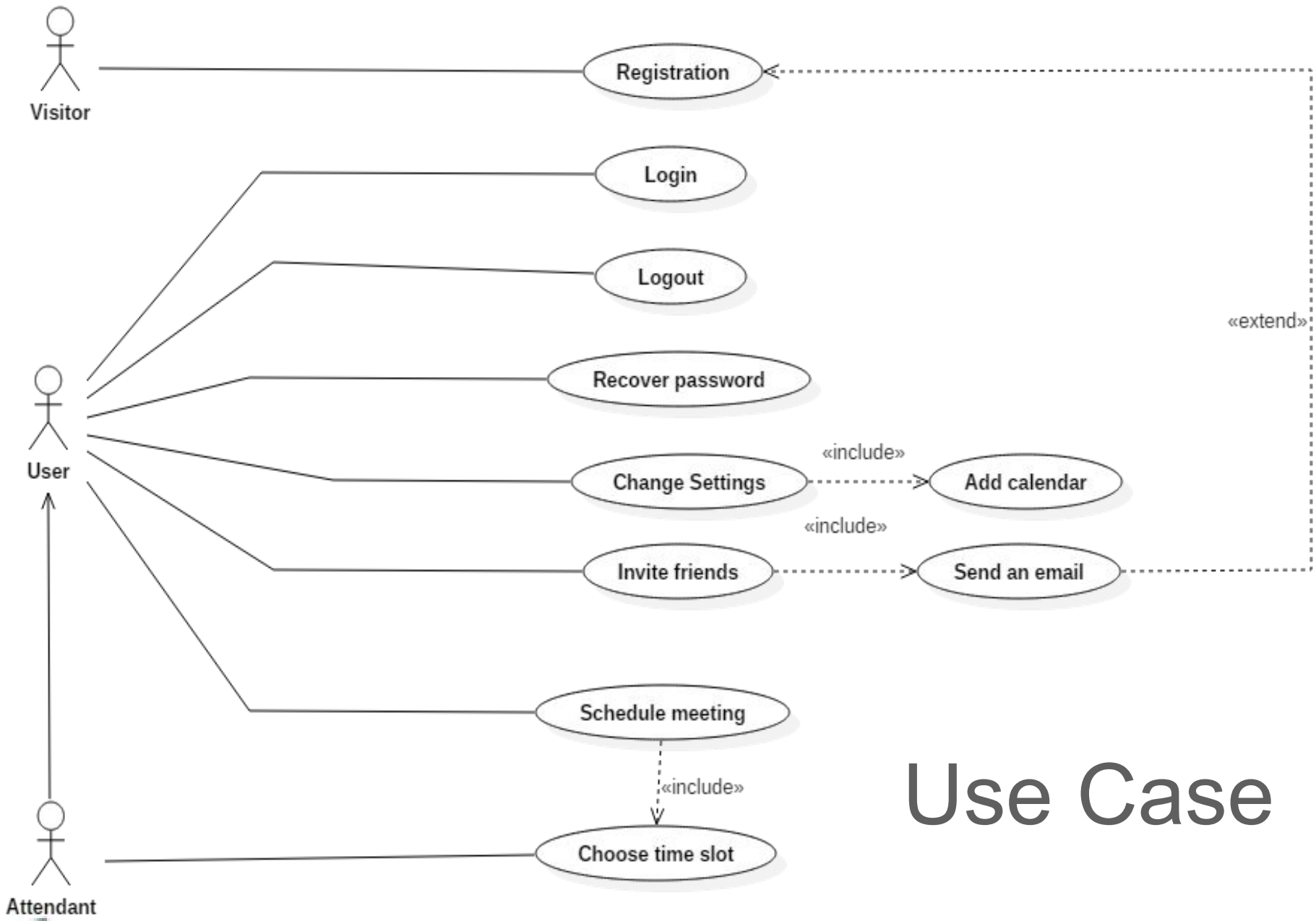


ID	USER STORY	PRIORITY
UserStory6	As an user I want to be able to receive meeting notifications	High
UserStory7	As an user I want to choose attendance mandatory	Average
UserStory8	As an user I want to change settings	Average
UserStory9	As an user I want to receive notification when a meeting is scheduled	High
UserStory10	As an user I want to invite my friends to use the application	Average

# User Stories 3/3



ID	USER STORY	PRIORITY
UserStory11	As an user I want to distinguish between preferred meeting times and possible meetings times	Low
UserStory12	As an user I want that my privacy and security settings are respected	High
UserStory13	As an user I want to obtain the best time for the meeting: - considering complex attendance requirements - handling time zones appropriately and robustly	Low
UserStory14	As an user I want to obtain the best time for the meeting using my and the other participants information in Google Calendar and other similar applications	Average



# Use Case

# Use Case: Example

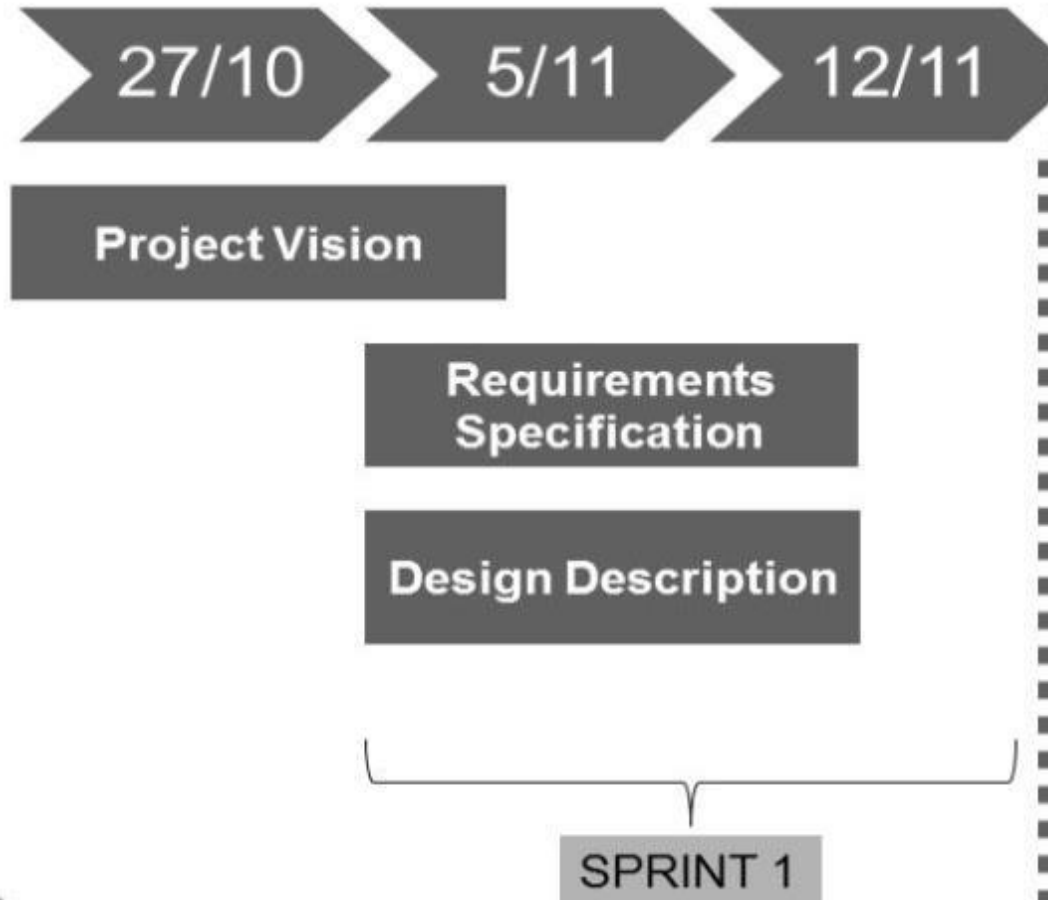


NAME	REGISTRATION
Actor	Visitor
Entry condition	The visitor does not already have an account
Flow of events	<ul style="list-style-type: none"><li>- Visitor navigates to the registration page</li><li>- Visitor fills in the registration form</li><li>- Visitor confirms registration</li><li>- Systems add the new user to DB</li><li>- Visitor receives a conformation message of successful registration</li></ul>
Exit conditions	<ul style="list-style-type: none"><li>- Visitor's account is successfully stored in DB</li><li>- Visitor is redirected to the login page</li></ul>
Exceptions	<ul style="list-style-type: none"><li>- Visitor enters already used email</li><li>- Visitor enters wrong input</li><li>- Visitor leaves compulsory fields empty</li><li>- Visitor refreshes the page without submit all inputs</li></ul>

# Non-Functional Requirements

- Respecting privacy, disclosure of personal calendar information
- Simple user interface
- Available for both desktop/laptops and mobile platforms

# Initial Product Backlog 1/3



# Initial Product Backlog 2/3










## - Documentation:

- Project Plan Document
- Requirement Definition Document
- Design Description Document

## - Contact customer

## Sprint 1:

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- ✓ Requirement, Design, revised Project Plan Administrat... Tomorrow 
- ✓ Requirement document Administrat... In testing Friday 
- ✓ Design Description Document Administrat... In progress Friday 
- ✓ User stories Analysis Today 
- ✓ Database design Configurati... Nov 19 
- ✓ Customer contact Administrat... Nov 19 
- ✓ Userstory1: As visitor I want to be Implement... Priority: High Nov 19
- ✓ UserStory3: As an user I want to Implement... Priority: High Nov 19
- ✓ Project plan v2.0 Today 



# Sprint 1



## ✓ Design Description Document

Writing first version of design description document



Administration

In progress



GUI

Yesterday



Software Architecture

Friday



System overview

Friday



Project background

Friday



# Sprint 1



## ✓ Initial software design

Design database for App



Configuration



Creating ER model of DB

Sunday

JN



Code skeleton

Sunday



Creating a database

Nov 18

# Sprint 1



## Customer contact

Present our idea to customer & analyse customer feedback



Administration



Present idea to customer

Friday



Feedback analysis

Nov 19



# How validate requirements?

- Team conducts tests (Alpha test, Beta test,...)
- Contacting customer and sending to him the product to test

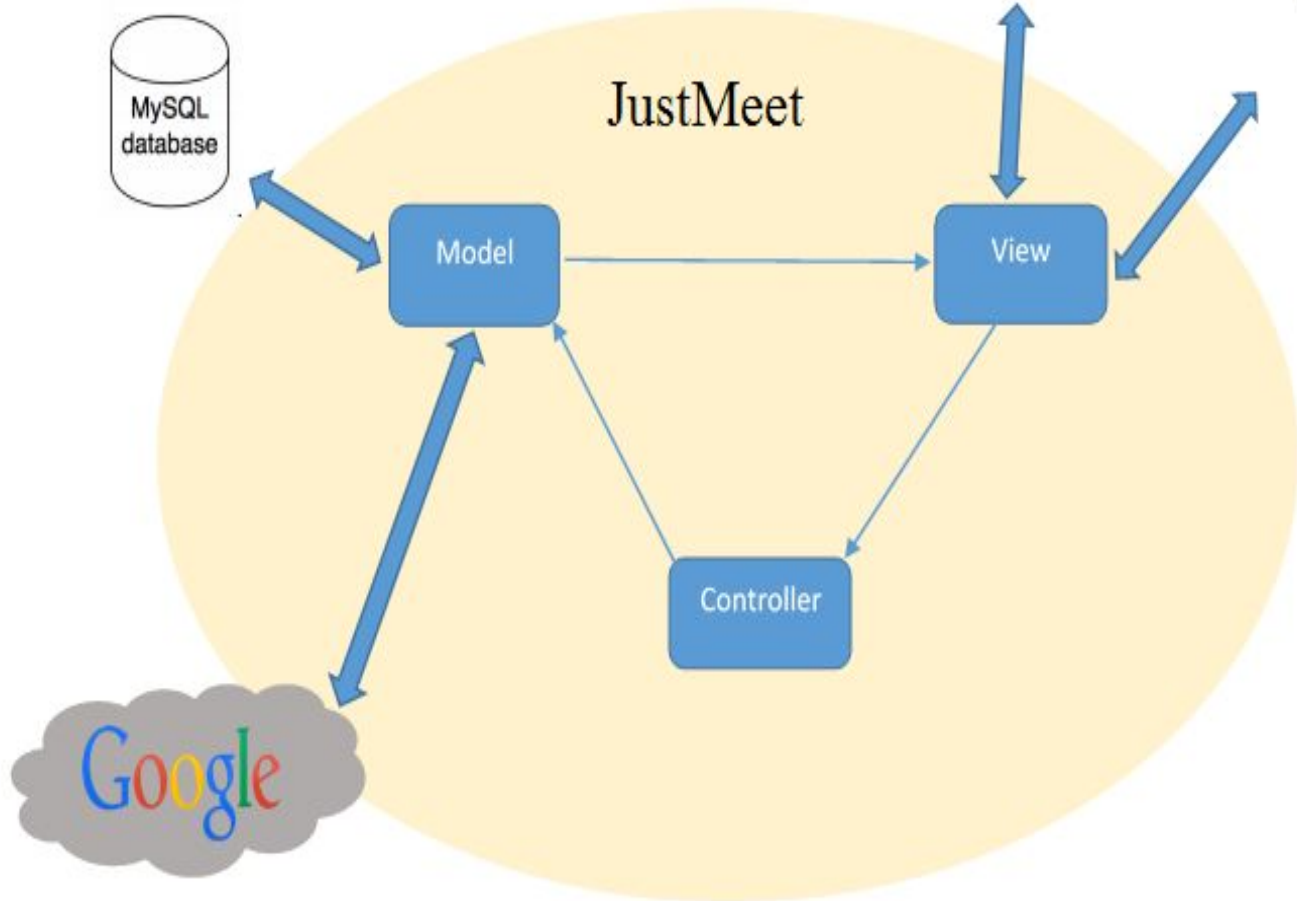


# Product Architecture (1/3)



- Web based application with responsive screen layout
- Using any web browser
- App is not limited on any platform

# Product Architecture (2/3)



# Product Architecture (3/3)



Splitting application on 3 logical components



Flexibility

# Mockups (1/3)



## Sign In

User Name:

john.doe

Password:

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SIGN IN

SIGN IN WITH GOOGLE



Sign In page

## Register

User Name:

Password:

Screen Name:

REGISTER

REGISTER WITH GOOGLE

Sign Up page



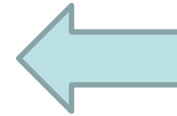


# Mockups (2/3)



Hi John

New Meeting



Personal page

Meeting 1

in 2 days

Confirmed

Meeting 2

in 3 weeks

1 Confirmation Pending

Add calendars



Personal	<input data-bbox="1591 679 1702 758" type="button" value="+"/>	<input data-bbox="1721 679 1831 758" type="button" value="-"/>
Calendar 1	<input data-bbox="1591 815 1702 893" type="button" value="+"/>	<input data-bbox="1721 815 1831 893" type="button" value="-"/>
Calendar 2	<input data-bbox="1591 951 1702 1029" type="button" value="+"/>	<input data-bbox="1721 951 1831 1029" type="button" value="-"/>
Calendar 3	<input data-bbox="1591 1093 1702 1172" type="button" value="+"/>	<input data-bbox="1721 1093 1831 1172" type="button" value="-"/>

# Mockups (3/3)



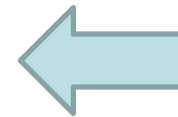
Date

Time

Time Zone

Duration

**SAVE**



**Create event**

**Manage profile**



## Profile



Screen Name:

User Name:

Password:

**SAVE CHANGES**

# Technologies

- View :



- Controller, View, Model :



- Model:



Thank you for your attention



Questions?