OzMoPol Project Report – Sprint 1

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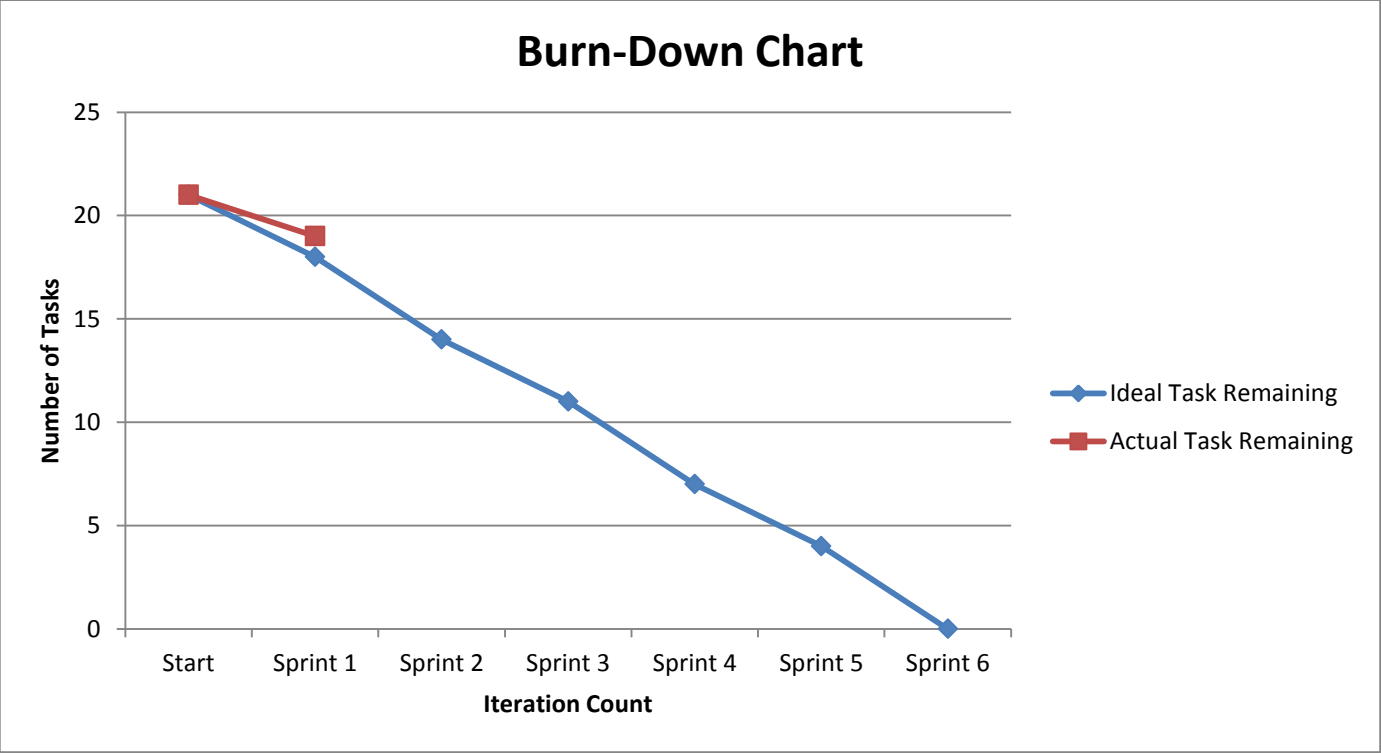
Description: OzMoPol is a web-based application for social network and news portal for OzU students categorized with tags in a hall of conversations for mobile devices. This application provides a hall (frontpage) for user that contains top voted posts and a siderbar for following rooms and other users. User can post in rooms, write/edit comment for posts, vote for post and select administrator for rooms. Users can create an account, login to their account, registe to hall and create room as well as search in hall, follow rooms, follow users and change the setting of their accounts.

Product Backlog

ID	Story	Priorty	Time Estimate	Status
1	User can register to the hall	4	7	Not Started
2	User can post in room	1	30	Complete
3	User can edit/delete posts	2	10	Not Started
4	User can write a comment on post	2	10	Not Started
5	User can write a comment for comment	2	6	Not Started
6	User can edit/delete comment	2	6	Not Started
7	User can create a room	1	10	Complete
8	User can vote for a post	3	24	InProgress
9	User can vote for a comment	3	10	Not Started
10	User can edit vote	3	7	Not Started
11	Users can login to their account	4	10	Not Started
12	Users can deactivate their account	4	5	Not Started
13	User can follow room	5	20	InProgress
14	User can follow other users	5	8	Not Started
15	User can search in hall	6	20	Not Started
16	User can browse hall and rooms	4	20	Not Started
17	User can see notifications	6	10	Not Started
18	User can manage followers, posts and subcriptions	6	5	Not Started
19	User can be selected as room administrator	7	6	Not Started
20	User can change setting of their accounts	8	6	InProgress
21	User can view latest posts by users and rooms	8	10	InProgress

The marked itmes in Product backlog were selected to be completed in Sprint1. The details for technical issues of first sprint is shown in table below.

Sprint Backlog

Id	Task	Responsible Person	Time Estimate	Time Took	Progress
ID	SPRINT 1				
7					
7.1	Create tables for User, Room in MySQL	Ahmad & Athar	3	4.00	100%
7.2	Create database in MySQL	Ahmad	1	1.00	100%
7.3	Develop client webservice request using Retrofit library for Android	Deniz	4	6.00	InProgress
7.4	Connect UI elements to webservice	Amin & Ugurcan	3	4.00	InProgress
2.2	Build webservice using RETSful using JAX-RS on netbeans	Ahmad	8	9.00	100%
7.5	Develop web service using Glassfish application server version 3	Ahmad	4	4.00	100%
7.6	Test Database	Athar	1	1.00	100%
7.7	Test Server	Ahmad	1	1.00	100%
2					
2.1	Create table for Post in MySQL	Ahmad	1	1.00	100%
2.2	Add webservice for posting	Ahmad	2	2.00	InProgress
2.3	Test UI	Amin	1	1.00	100%
8					
8.1	Add cross-tables and vote tables in MySQL	Firat	2	2.00	100%
8.2	Android UI for voting	Amin	2	1.00	InProgress
21					
21.1	Android UI front page using Cardview and Cardslib library in Android Studio	Amin	2	2	100%
21.2	Webservice for getting posts with most votes	Ahmad	2	2	InProgress
20					
20.1	Navigation drawer as a sidebar showing main menu for Android	Amin	1	2.00	InProgress
13					
13.1	Android UI room page using Cardview and Cardslib library in Android Studio	Amin	2	2.00	InProgress
13.2	Webservice for getting room details	Ahmad	3	2.00	InProgress

The Burn dow chart for tasks is as follows:

Burn-Down Chart

(Chart: Number of Tasks vs Iteration Count)

Ideal Task Remaining
Actual Task Remaining

Iteration Count	Ideal Task Remaining	Actual Task Remaining
Start	21	21
Sprint 1	18	19
Sprint 2	14	
Sprint 3	11	
Sprint 4	7	
Sprint 5	4	
Sprint 6	0	

And accuracy of time estimation is as follows:

Product Backlog Item	Estimated Completion Time	Actual Time Spent
7	25	30
2	4	4
8	4	3
21	4	4
20	1	2
13	5	4