

Product Backlog:

CSCC01-TMNT

HomeCodeWorkBuild & ReleaseTest

Search work items

BacklogsQueries

Features

Stories

Past

Current

Future

Recycle Bin

Stories

BacklogBoard

Forecast OffParents HideIn progress items ShowMapping Off

New

Create queryColumn options

Filter

You have modified the work item(s) in a way that affects how it appears on the backlog. You must refresh the backlog to reflect the latest changes.

Ord...	Work Item Type	Title	State	Priority	Story Points	Iteration Path	Tags
1	User Story	pull from NASA	Active	2	3	CSCC01-TMNT\v1.1	HR
2	User Story	Setup system name if empty	Active	2	2	CSCC01-TMNT\v1.1	HR
3	User Story	merge update via pull request	Active	2	4	CSCC01-TMNT\v1.2	HR
4	User Story	Generate xml	Active	2	3	CSCC01-TMNT\v1.2	HR
5	User Story	Save database	Resolved	1	3	CSCC01-TMNT\v1.0	HR
6	User Story	UI size options	New	4	2	CSCC01-TMNT\v2.0	PD
7	User Story	User guide	New	4	10	CSCC01-TMNT\v2.0	PD
8	User Story	Notification messages	Active	4	1	CSCC01-TMNT\v2.0	PD
9	User Story	Search function	New	3	10	CSCC01-TMNT\v2.0	NY
10	User Story	Manual update	Resolved	1	5	CSCC01-TMNT\v1.0	HR
11	User Story	Pull database	Resolved	1	5	CSCC01-TMNT\v1.0	HR
12	User Story	Take command line options	Resolved	1	5	CSCC01-TMNT\v1.0	HR
13	User Story	Merge data in different format	Resolved	1	4	CSCC01-TMNT\v1.0	HR
14	User Story	Send update through a branch	Resolved	1	5	CSCC01-TMNT\v1.0	HR
15	User Story	Auto-check update	Active	2	3	CSCC01-TMNT\v1.2	HR
16	User Story	E-mail notification	Active	2	2	CSCC01-TMNT\v1.2	HR
17	User Story	Sound notification	New	4	1	CSCC01-TMNT\v2.0	HR
18	User Story	display updates	Active	4	2	CSCC01-TMNT\v1.1	HR

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Ord...	Work Item Type	Title	State	Priority	Story Points	Iteration Path	Tags
7	User Story	User guide	New	4	10	CSCC01-TMNT\v2.0	PD
8	User Story	Notification messages	Active	4	1	CSCC01-TMNT\v2.0	PD
9	User Story	Search function	New	3	10	CSCC01-TMNT\v2.0	NY
10	User Story	Manual update	Resolved	1	5	CSCC01-TMNT\v1.0	HR
11	User Story	Pull database	Resolved	1	5	CSCC01-TMNT\v1.0	HR
12	User Story	Take command line options	Resolved	1	5	CSCC01-TMNT\v1.0	HR
13	User Story	Merge data in different format	Resolved	1	4	CSCC01-TMNT\v1.0	HR
14	User Story	Send update through a branch	Resolved	1	5	CSCC01-TMNT\v1.0	HR
15	User Story	Auto-check update	Active	2	3	CSCC01-TMNT\v1.2	HR
16	User Story	E-mail notification	Active	2	2	CSCC01-TMNT\v1.2	HR
17	User Story	Sound notification	New	4	1	CSCC01-TMNT\v2.0	HR
18	User Story	display updates	Active	4	2	CSCC01-TMNT\v1.1	HR
19	User Story	Display conflict	Active	2	3	CSCC01-TMNT\v1.1	HR
20	User Story	Add planet feature	Active	2	3	CSCC01-TMNT\v1.1	PD
21	User Story	Modify incorrect data	New	4	1	CSCC01-TMNT\v2.1	HR
22	User Story	Typos detector	New	3	8	CSCC01-TMNT\v2.0	HR
23	User Story	Updates notification format	Active	2	1	CSCC01-TMNT\v1.2	HR
24	User Story	View personal update history	New	4	1	CSCC01-TMNT\v2.1	RG

Release Plan(updated):

Release	Freeze	Publishing	Content
v1.0	Oct. 23	Oct. 24	Basic working copy for this project
v1.1	Oct. 30	Oct. 31	Finish manual updates from planet.eu and NASA, commit to git, take command line input, display difference.
v1.2.0	Nov. 13	Nov. 14	Implement merge data from different format, generate xml. Finish send pull request to github, auto update and email notification
v1.2.1	Nov. 20	Nov. 21	Optimize merge algorithm and generate xml, implement display difference/ display updates in command line.
v2.0	Nov. 27	Nov. 28	Creating UI for the application,
v2.1	Nov. 30	Dec. 1	Add minor features and wrap up

Sprint Backlog:

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Past

v1.0

v1.1

Current

v1.2

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v2.0

v2.1

Recycle Bin

CSCC01-TMNT Team v1.1

October 25 - November 7
14 work days

BacklogBoardCapacity

New

Create queryColumn options

TypeUser Story

Title

Add

Title	State	Assigned To	Priority	Story Points	Remaining Work
+> Add planet feature	Active	Mingyu Chen	2	3	0.5
> pull from NASA	Active	Mingyu Chen	2	3	
> Setup system name if empty	Active	Zeyu Li	2	2	
> merge update via pull request	Active	Yutong Chen	2	4	0.5
+> Generate xml	Active	Leo Li	2	3	0.5
> Auto-check update	Active	Zeyu Li	2	3	
> display updates	Active	Mingyu Chen	4	2	0.5
> Display conflict	Active	Zeyu Li	2	3	0.5

Work details

WorkTeam (2.5 h)

Work By: ActivityUnassigned (2.5 h)

Work By: Assigned ToLeo Li (0.5 h)Mingyu Chen (0.5 h)Yutong Chen (1 h)Zeyu Li (0.5 h)

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BacklogsQueries

Features

Stories

Past

Current

v1.2

Future

v1.21

v2.0

v2.1

Recycle Bin

CSCC01-TMNT Team v1.2

November 8 - November 14
1 work day remaining

BacklogBoardCapacity

New

Create queryColumn options

Title	State	Assigned To	Priority	Story Points	Rem
> merge update via pull request	Resolved	Yutong Chen	2	4	
> Generate xml	Resolved	Leo Li	2	3	
> Auto-check update	Resolved	Zeyu Li	2	3	
+> E-mail notification	Resolved	Yutong Chen	2	2	
> Updates notification format	Resolved	Yutong Chen	2	1	

Work details

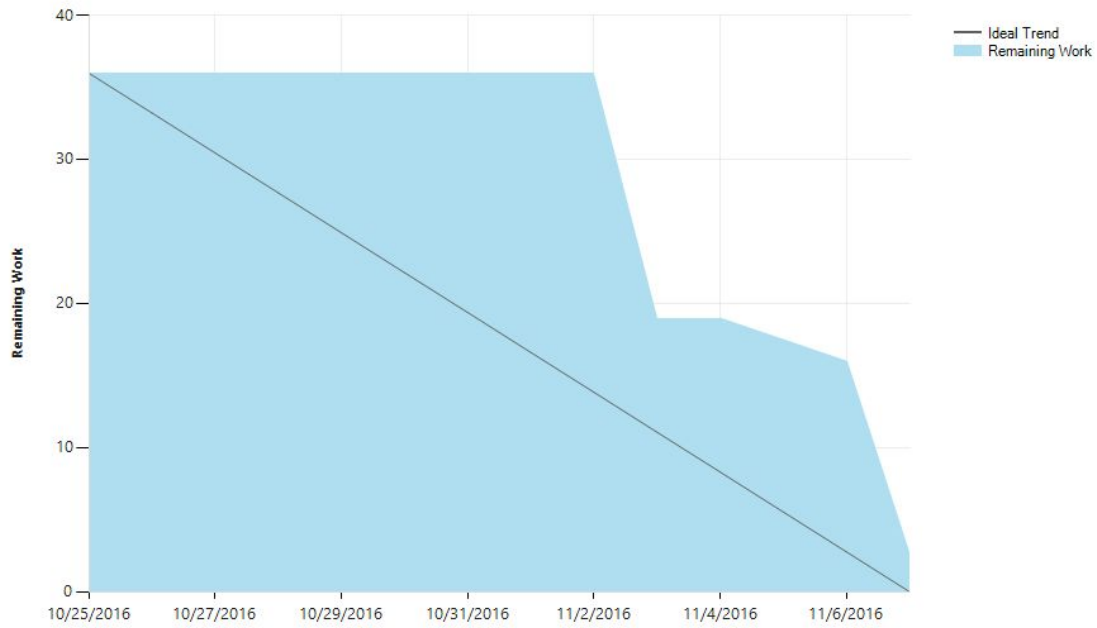
Work

Work By: Activity

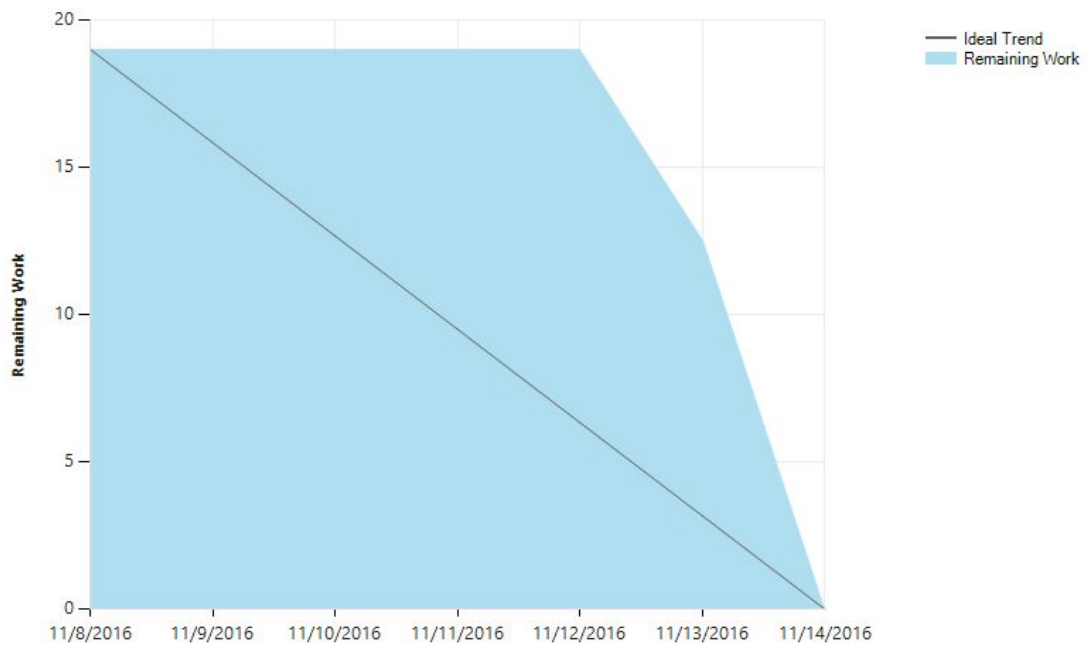
Work By: Assigned To

Burndown Chart:

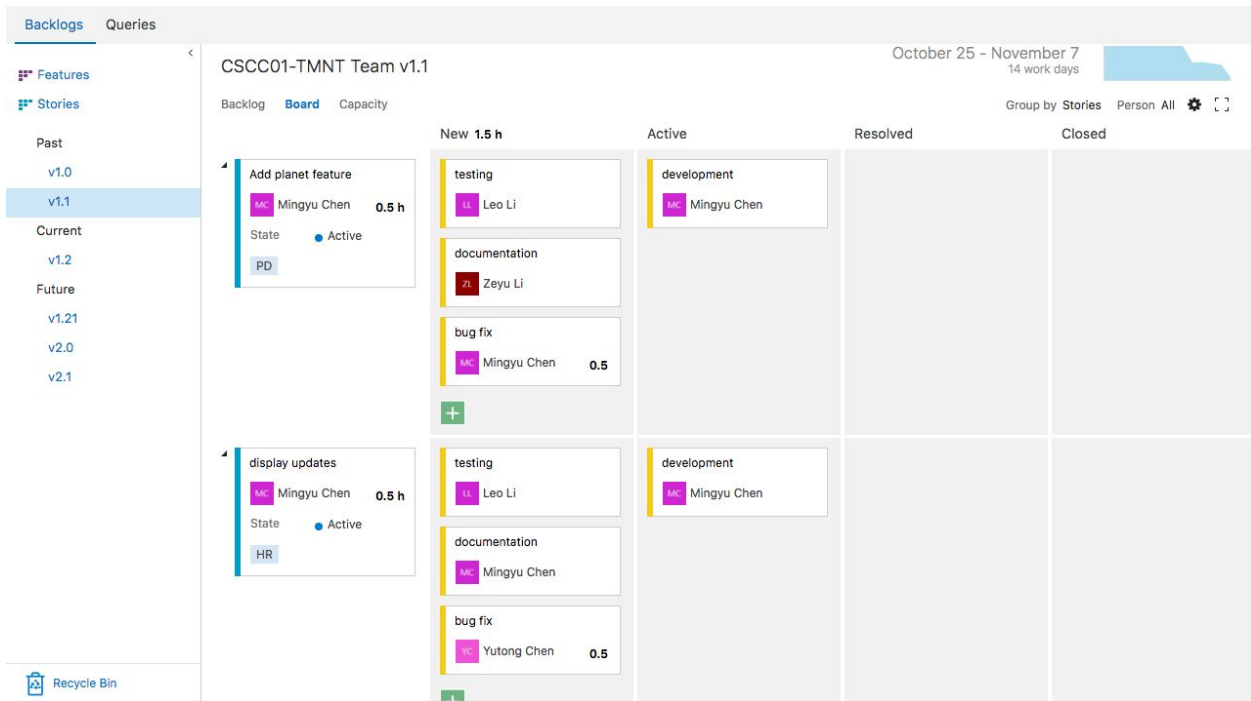
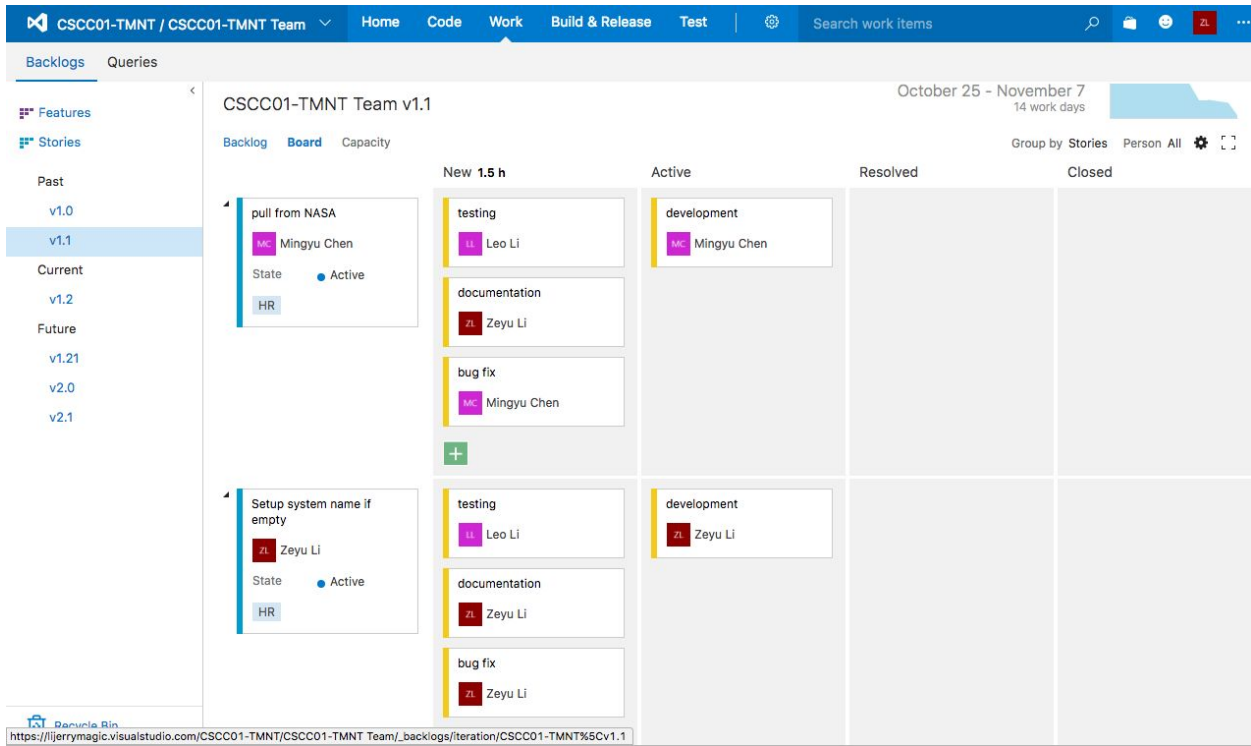
Burndown for: v1.1



BURNDOWN FOR: V1.2



Task Board:



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v1.0

v1.1

Current

v1.2

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v1.21

v2.0

v2.1

CSCC01-TMNT Team v1.1

October 25 - November 7

14 work days

Group by Stories Person All

Backlog

Board

Capacity

display updates

MC Mingyu Chen

0.5 h

State

Active

HR

Display conflict

ZL Zeyu Li

0.5 h

State

Active

HR

New 1.5 h

testing

LL Leo Li

documentation

MC Mingyu Chen

bug fix

YC Yutong Chen

0.5

+

Active

development

MC Mingyu Chen

development

ZL Zeyu Li

Resolved

Closed

Recycle Bin

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Queries

Features

Stories

Past

Current

v1.2

Future

v1.21

v2.0

v2.1

CSCC01-TMNT Team v1.2

November 8 - November 14

1 work day remaining

Group by Stories Person All

Backlog

Board

Capacity

merge update via pull request

YC Yutong Chen

State

Resolved

HR

Generate xml

LL Leo Li

State

Resolved

HR

New

testing

LL Leo Li

documentation

YC Yutong Chen

bug fix

YC Yutong Chen

+

Active

development

YC Yutong Chen

development

LL Leo Li

Resolved

Closed

Recycle Bin

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Recycle Bin

CSCC01-TMNT Team v1.2

November 8 - November 14
1 work day remaining

Group by StoriesPerson All

BacklogBoardCapacity

New

Active

Resolved

Closed

Auto-check update

Zeyu Li

State

Resolved

HR

E-mail notification

Yutong Chen

State

Resolved

HR

testing

Leo Li

documentation

Zeyu Li

bug fix

Zeyu Li

development

Unassigned

testing

Unassigned

documentation

Unassigned

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v2.1

Recycle Bin

CSCC01-TMNT Team v1.2

November 8 - November 14
1 work day remaining

Group by StoriesPerson All

BacklogBoardCapacity

New

Active

Resolved

Closed

Updates notification format

Yutong Chen

State

Resolved

HR

documentation

Unassigned

bug fix

Unassigned

development

Unassigned

testing

Unassigned

documentation

Unassigned

bug fix

Unassigned

System Design:

See at SystemDesign.pdf files under files folder.

Changes Made:

As writing the necessary functionalities, we noticed that some user stories are epics that will take us forever to implement and make it interact with existing features. So we have removed some epics from the product backlog such as search functions, mark information and switch language. We also removed some unnecessary user stories and some low quality user stories such as no casual elements and button for updates.

Unit Test:

Unit test files TestConvert.py, TestDboec.py, TestMerge.py are in the code folder.

Video:

<https://www.youtube.com/watch?v=xHr5Qd3yHlw&feature=youtu.be>

Estimated Project Velocity:

13

Actual Project Velocity:

13

We were not able to follow our plan exactly, because team members have midterm exams during the period and assignment due in other courses. So we need to replan and do the burn down mostly during the weekends.

Difference in Progress and End Result:

After talking with our TA, we changed our sprint duration from two-week period to one-week period. We also reduced the project velocity so that everyone will be able to finish the task. However, due to the midterm and assignments from other courses, we still made most of the burn down in the weekends.