

Challenger λ

Sprint Backlog

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Sprint 1 Plan

User Story 1:

Jacques would like to generate different types of questions and answers for them so that he can save them for use later.

- Note: 1 story point is equivalent to 1 hour

Dependencies	TASKS	STORY POINTS	ASSIGNED TO
-	1.Create a database with the tables in our DB design	6	Jin/Salim
-	2. Discuss UI design. Create UI to make questions and navigator	10	Joseph/Hayden/Kevin
1	3. Connect the UI to the database	1	Jin
1, 3	4. Write database functions	5	Salim

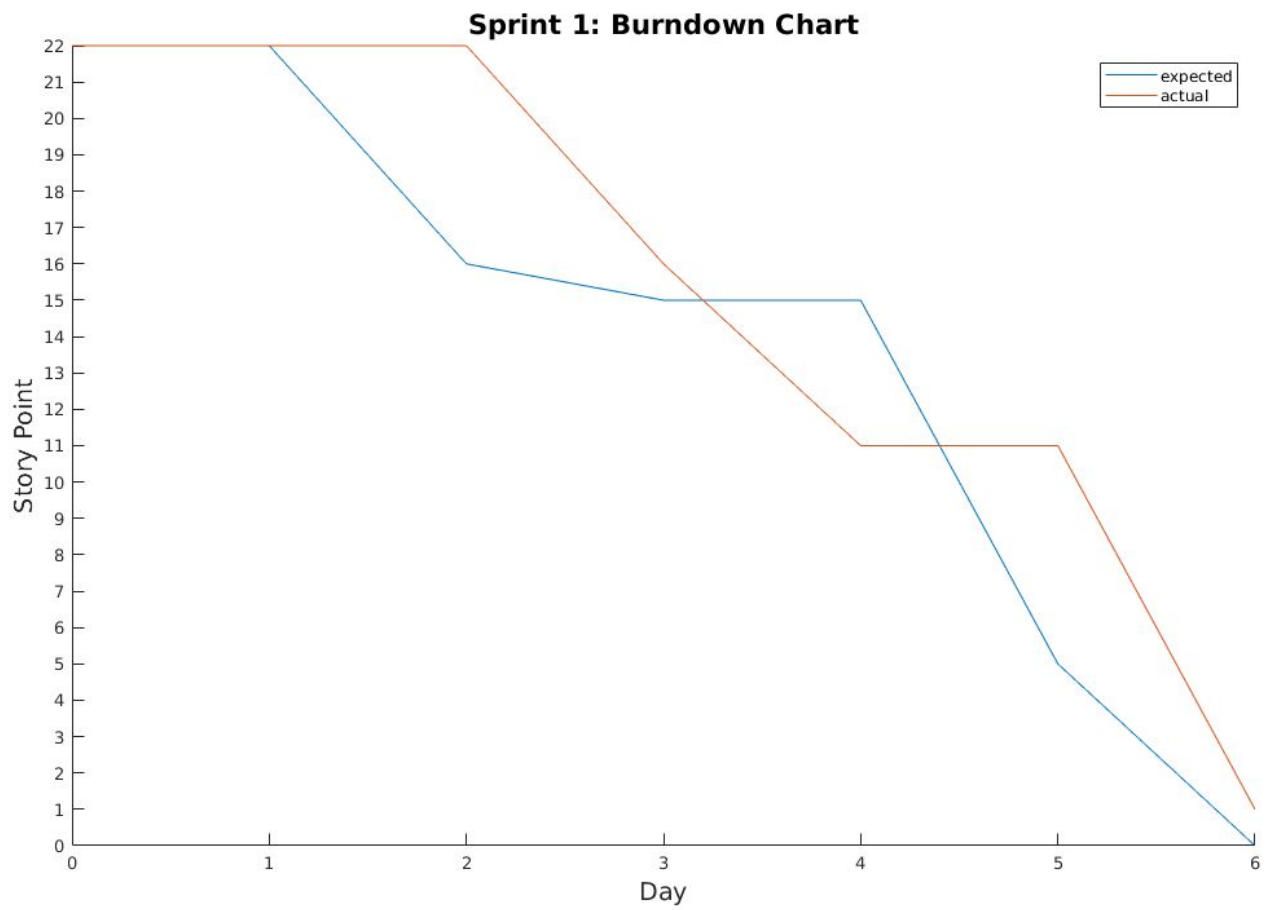
Tasks	Story Points	Day 1 (Oct 19)	Day 2 (Oct 20)	Day 3 (Oct 21)	Day 4 (Oct 22)	Day 5 (Oct 23)	Day 6 (Oct 24)
T1	6	Jin: 2 Salim: 1	Jin: 3				
T2	10	Joseph: 2	Kevin: 2 Hayden: 2 Joseph: 1	Joseph:1	Kevin: 1	Hayden: 1	
T3	1			Jin: 1			
T4	5				Salim: 2	Salim: 2	Salim: 1

Sprint 1 Execution Report

- T1 took as expected the same amount of story points to complete but did not start out as planned.
- For T2, story points are over the expected since we needed a bit more time to do some research on how the layout of the questions would look and how to navigate .
- T3, we needed more time to research on this specific task so we carried it over to the next sprint.
- T4 took as expected the same amount of story points to complete and was finished earlier than the expected plan.

Tasks	Story Points	Day 1 (Oct 19)	Day 2 (Oct 20)	Day 3 (Oct 21)	Day 4 (Oct 22)	Day 5 (Oct 23)	Day 6 (Oct 24)
T1	6		Jin: 4 Salim: 1	Jin: 1			
T2	10			Kevin: 2 Hayden: 2 Joseph: 2	Joseph: 3	Kevin: 2	Hayden: 2
T3	1						
T4	5			Salim: 3	Salim: 2		

Sprint 1 Burndown Chart



Sprint 2 Plan

User Story 1:

Olivia would like to view a list of all questions that she has made

User Story 2:

Jacques would like to review and edit questions that he has already created, so that he can revise errors

User Story 3:

Jacques would like to create his administration profile with information like email, username, and password

User Story 4:

Marco would like to create an account with information like email, username, and password

Dependencies	TASKS	STORY POINTS	ASSIGNED TO
-	1.Create UI to view all questions in DB	5	Joseph
1	2. Create UI to click into 1 question and edit its values	6	Kevin, Hayden
-	3. (Previous sprint)Connect the UI to the database	2	Jin
3	4. Write Express API for frontend	10	Jin, Salim
-	5. Create UI for sign up for instructor and student	6	Joseph, Hayden

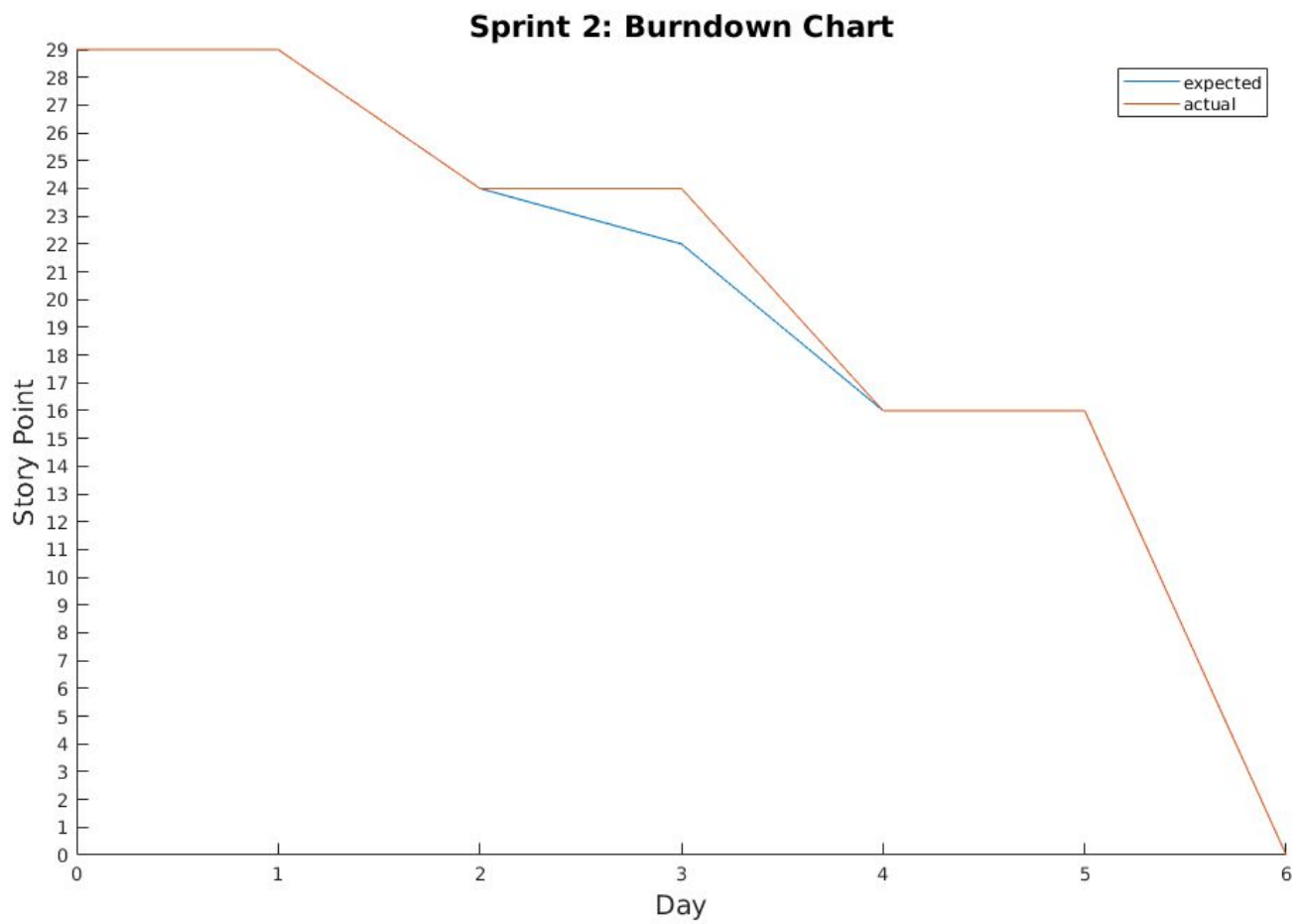
Tasks	Story Points	Day 1 (Oct 26)	Day 2 (Oct 27)	Day 3 (Oct 28)	Day 4 (Oct 29)	Day 5 (Oct 30)	Day 6 (Oct 31)
T1	5	Joseph: 3	Joseph: 2				
T2	6			Kevin: 2 Hayden: 2	Kevin: 1 Hayden: 1		
T3	2			Jin: 2			
T4	10				Salim: 1	Jin: 2 Salim: 1	Jin: 3 Salim: 3
T5	6					Joseph: 2 Hayden: 2	Joseph: 1 Hayden: 1

Sprint 2 Execution Report

- T1 was completed on time and finished as expected.
- T2 was completed on time but was a story point behind.
- T3 was over expected since it took time to research on how to connect the frontend and database.
- T4 was completed on time and finished as expected.
- T5 was completed on time and finished as expected.

Tasks	Story Points	Day 1 (Oct 26)	Day 2 (Oct 27)	Day 3 (Oct 28)	Day 4 (Oct 29)	Day 5 (Oct 30)	Day 6 (Oct 31)
T1	5	Joseph: 3	Joseph: 2				
T2	6			Kevin: 1 Hayden: 2	Kevin: 1 Hayden: 3		
T3	2		Jin: 4		Jin: 2		
T4	10				Salim: 1	Jin: 5 Salim: 1	Salim: 3
T5	6					Joseph: 2 Hayden: 2	Joseph: 1 Hayden: 1

Sprint 2 Burndown Chart



Sprint 3 Plan

User Story 1:

Jacques would like to create his administration profile with information like email, username, and password

User Story 2:

Marco would like to create an account with information like email, username, and password

Dependencies	TASKS	STORY POINTS	ASSIGNED TO
-	1. Add react routing to frontend views	10	Hayden, Joseph, Kevin
1	2. Write frontend http code to connect to backend	5	Jin
-	3. Create table for Users in DB	1	Salim
3	4. Create backend API for Users	5	Salim
-	5. Create frontend UI for Users	4	Hayden
4, 5	6. Route backend to frontend	5	Jin

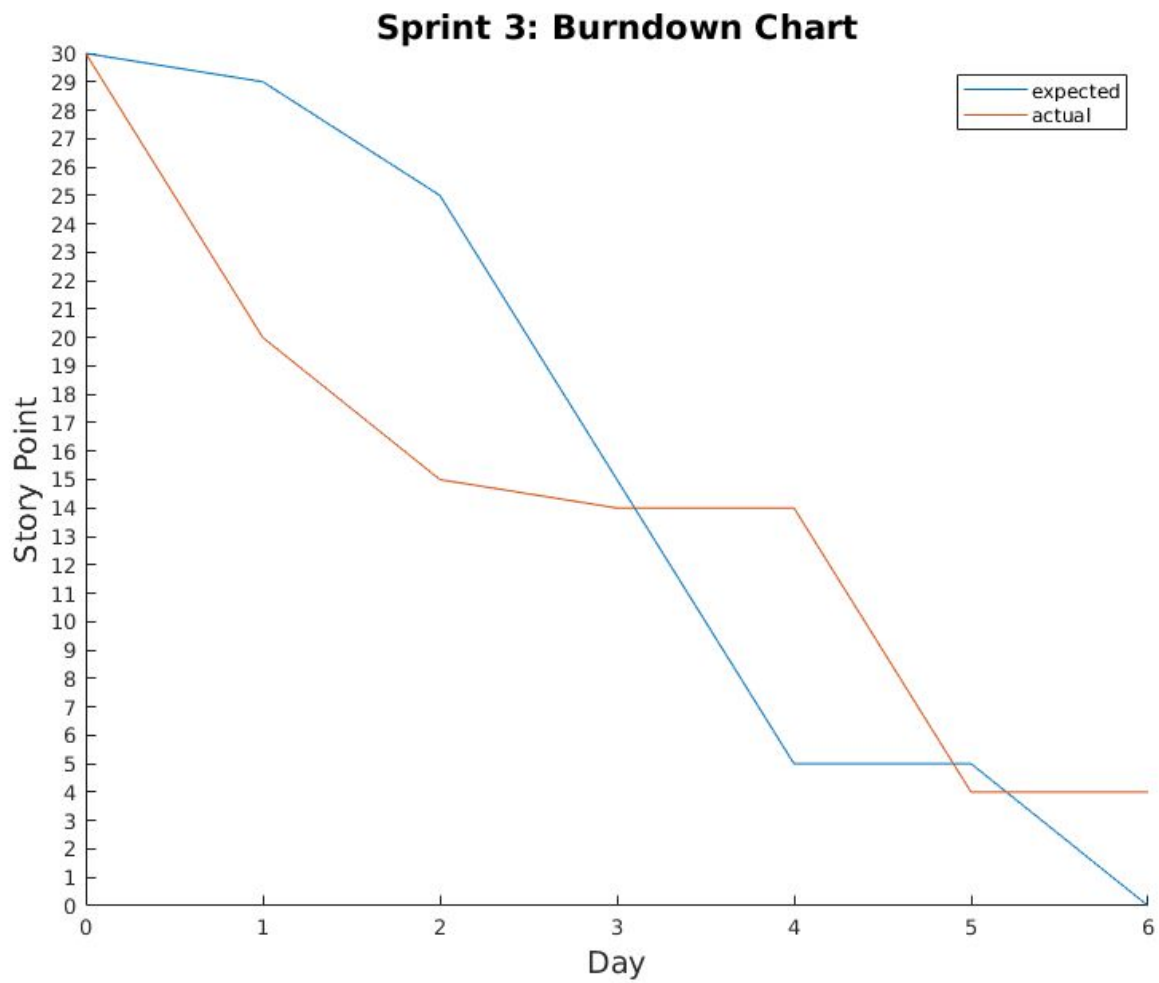
Tasks	Story Points	Day 1 (Nov 2)	Day 2 (Nov 3)	Day 3 (Nov 4)	Day 4 (Nov 5)	Day 5 (Nov 6)	Day 6 (Nov 7)
T1	10	Kevin: 2 Joseph: 2	Kevin: 2 Joseph: 2	Hayden: 2 Joseph: 2 Kevin: 2			
T2	5			Jin: 3	Jin: 2		
T3	1	Salim: 1					
T4	5		Salim: 2	Salim: 2	Salim: 1		
T5	4	Hayden: 2	Hayden: 2				
T6	5					Jin: 3	Jin: 2

Sprint 3 Execution Report

- T1 was completed earlier since it was top priority for T2. Slightly over expected story points but completed ahead of the expected plan.
- T2 was completed on time and finished as expected.
- T3 was finished as expected but behind expected plan.
- T4 was finished as expected but behind expected plan.
- T5 was finished as expected but behind expected plan.
- T6 was finished as expected but ahead of the expected plan.

Tasks	Story Points	Day 1 (Nov 2)	Day 2 (Nov 3)	Day 3 (Nov 4)	Day 4 (Nov 5)	Day 5 (Nov 6)	Day 6 (Nov 7)
T1	10	Kevin: 5 Joseph: 6					
T2	5		Jin: 5				
T3	1			Salim:1			
T4	5				Salim: 3	Salim: 2	
T5	4				Hayden: 2	Hayden: 2	
T6	5					Jin: 5	

Sprint 3 Burndown Chart



Sprint 4 Plan

User Story 1:

As Jacques, I want to log in and create questions/ quizzes

User Story 2:

As Marco, I want to log in and do quizzes

User Story 3:

As Jacques, a professor, I would like to create my own problem sets and solutions from a list of questions

Dependencies	TASKS	STORY POINTS	ASSIGNED TO
-	1. (From previous sprint) Edit and Delete questions from viewApp	8	Joseph, Hayden
-	2. Set up instructor, student log in screen	2	Kevin
2	3. Set up conditional display depending on user type	4	Kevin
-	4. Set up Quiz db table and Attempt db table	1	Salim
4	5. Create backend routes and API for Quiz and Attempt	4	Salim
-	6. Change routes to API in backend	5	Jin
5	7. Link frontend to backend API for Quiz and Attempt	5	Jin

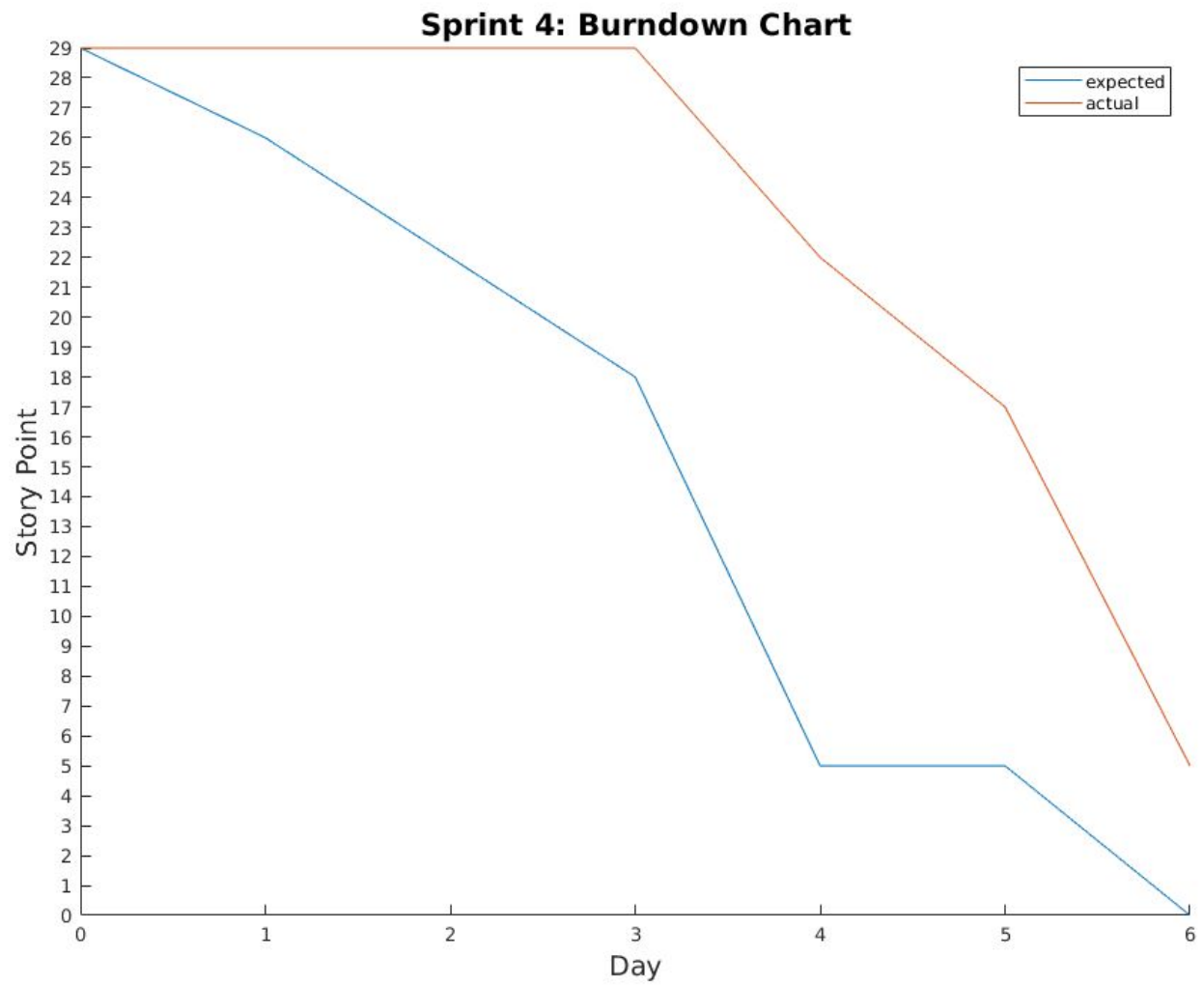
Tasks	Story Points	Day 1 (Nov 9)	Day 2 (Nov 10)	Day 3 (Nov 11)	Day 4 (Nov 12)	Day 5 (Nov 13)	Day 6 (Nov 14)
T1	8	Joseph, Hayden: 2	Joseph, Hayden: 2	Joseph, Hayden: 2	Joseph, Hayden: 2		
T2	2	Kevin: 2					
T3	4		Kevin: 4				
T4	1	Salim: 1					
T5	4		Salim: 2	Salim: 2			
T6	5		Jin: 2	Jin: 2	Jin: 1		
T7	5				Jin: 1	Jin: 2	Jin: 2

Sprint 4 Execution Report

- T1 was finished as expected but completed behind expected plan.
- T2 was finished but slightly over expected story points. Completed but behind expected plan.
- T3 was finished but over expected story points since it required a bit of research. Completed but behind expected plan.
- T4 was finished but slightly over expected story points. Completed but behind expected plan.
- T5 was finished but slightly over expected story points. Completed but behind expected plan.
- T6 was finished but slightly over expected story points. Completed on time.
- T7 was carried over to the next sprint since we needed a front end completed to complete this task.

Tasks	Story Points	Day 1 (Nov 9)	Day 2 (Nov 10)	Day 3 (Nov 11)	Day 4 (Nov 12)	Day 5 (Nov 13)	Day 6 (Nov 14)
T1	8	Joseph, Hayden:4					Joseph, Hayden:4
T2	2	Kevin: 2			Kevin: 1		
T3	4				Kevin: 3	Kevin: 1	Kevin: 6
T4	1			Salim: 1		Salim: 1	
T5	4					Salim: 4	
T6	5				Jin: 7		
T7	5						

Sprint 4 Burndown Chart



Sprint 5 Plan

User Story 1:

As Jacques, a professor, I would like to create my own problem sets and solutions from a list of questions

User Story 2:

As Marco, I want to log in and do quizzes

User Story 3:

As Olivia, a professor, I would like to edit my own problem sets and solutions

User Story 4:

As Olivia, a professor, I would like to grade the problem sets

User Story 5:

As Marco, a student, I would like to view my problem set results

Dependencies	TASKS	STORY POINTS	ASSIGNED TO
-	1. Create layout for quiz creation	4	Joseph
-	2. Write Selenium test cases for unit testing	2	Salim
-	3. Create a design mockup for our website in photoshop	8	Hayden
-	4. Create layout for viewing quizzes	8	Salim
-	5. Create layout for writing quiz	8	Kevin
-	6. Rework sign in layout	3	Kevin

5	7. Create layout for viewing problem set results	5	Jin
-	8. Write Peer review docs	2	Jin

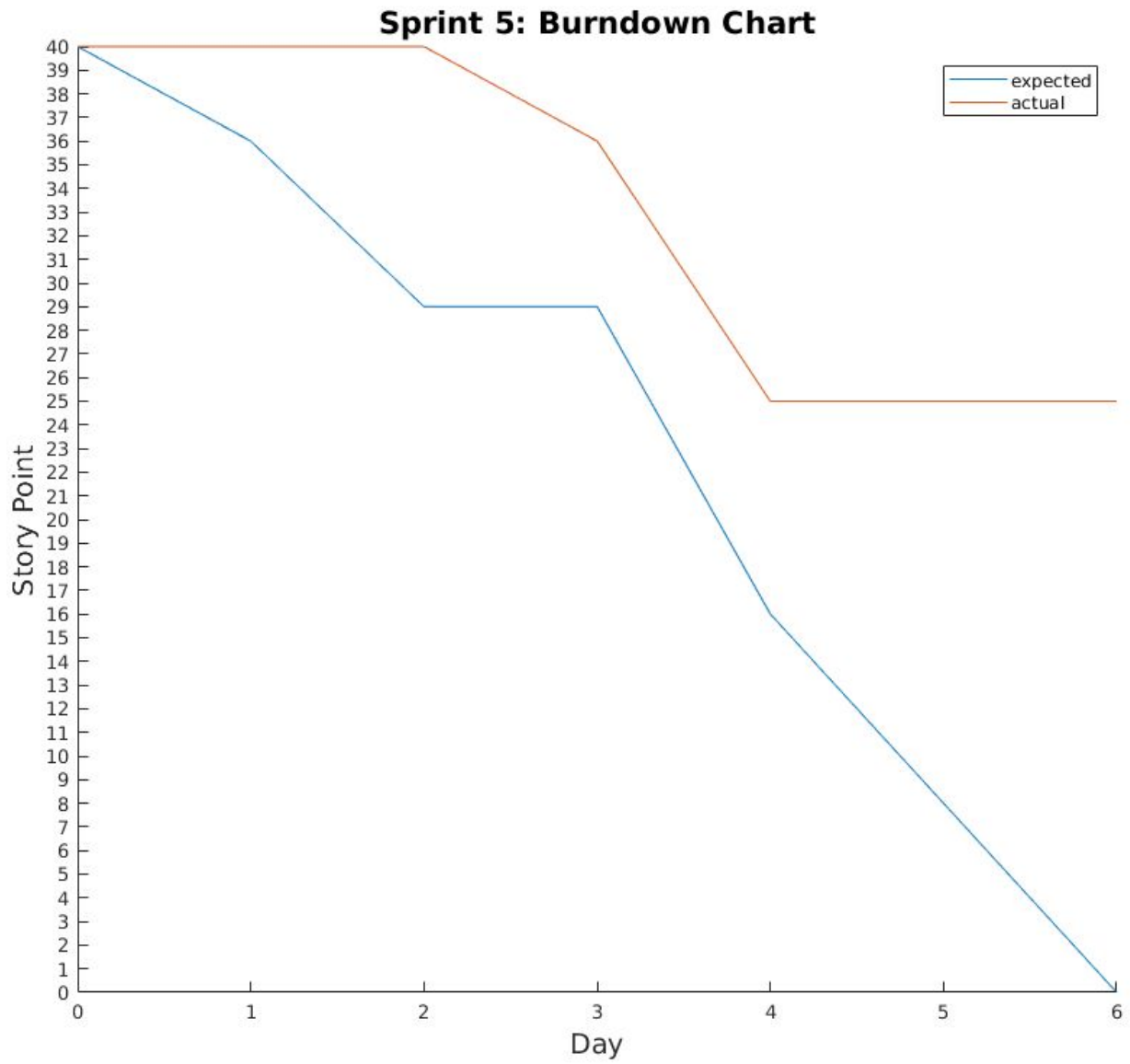
Tasks	Story Points	Day 1 (Nov 16)	Day 2 (Nov 17)	Day 3 (Nov 18)	Day 4 (Nov 19)	Day 5 (Nov 20)	Day 6 (Nov 21)
T1	4	Joseph: 2	Joseph: 2				
T2	2	Salim: 2					
T3	8	Hayden: 2	Hayden: 2	Hayden: 2	Hayden: 2		
T4	8		Jin: 2	Jin: 2	Jin: 2	Jin: 2	
T5	8			Kevin: 2	Kevin: 2	Kevin: 2	Kevin: 2
T6	3	Kevin: 2	Kevin: 1				
T7	5		Salim: 2	Salim: 2	Salim: 1		
T8	2	Jin: 2					

Sprint 5 Execution Report

- T1 carried out to the next sprint (Sprint 6)
- T2 completed task but slightly over expected story points
- T3 completed task as expected according to sprint plan
- T4 carried out to the next sprint (Sprint 6)
- T5 carried out to the next sprint (Sprint 6)
- T6 completed task but took some time redesigning the layout of the login
- T7 carried out to the next sprint (Sprint 6)
- T8 completed task within the planned week

Tasks	Story Points	Day 1 (Nov 16)	Day 2 (Nov 17)	Day 3 (Nov 18)	Day 4 (Nov 19)	Day 5 (Nov 20)	Day 6 (Nov 21)
T1	4			Joseph: 4			
T2	2			Salim: 3			
T3	8			Hayden: 4	Hayden: 4		
T4	8						Salim: 8
T5	8				Kevin: 2		Kevin: 4
T6	3		Kevin: 4	Kevin: 5	Kevin: 1		
T7	5						Jin: 3
T8	2	Jin: 1		Jin: 1			

Sprint 5 Burndown Chart



Sprint 6 Plan

- Finish incomplete tasks from last week
- Test final product

Dependencies	TASKS	STORY POINTS	ASSIGNED TO
-	1. Create layout for quiz creation	4	Joseph
-	2. Create layout for writing quiz	8	Kevin
-	3. Create layout for viewing problem set results	5	Jin
-	4. Styling for application	5	Hayden
-	5. Test the instructor side for any bugs / typos	5	Salim

Tasks	Story Points	Day 1 (Nov 23)	Day 2 (Nov 24)	Day 3 (Nov 25)	Day 4 (Nov 26)	Day 5 (Nov 27)
T1	4	Joseph: 2	Joseph: 2			
T2	8	Kevin: 2	Kevin: 2	Kevin: 2	Kevin: 2	
T3	5	Jin: 2	Jin: 3			
T4	5				Hayden: 3	Hayden: 2
T5	5				Salim: 3	Salim: 2

Sprint 6 Execution Report

- T1 completed but was behind in expected finish date
- T2 completed but was behind in expected finish date and took longer than expected story points. There was a problem on how to implement the feature but with the assistance of Joseph. The task was completed.
- T3 although assigned to Jin was completed collaboratively with Joseph leading
- T4 completed ahead of the expected plan
- T5 completed on time but took longer than expected story points completed

Tasks	Story Points	Day 1 (Nov 23)	Day 2 (Nov 24)	Day 3 (Nov 25)	Day 4 (Nov 26)	Day 5 (Nov 27)
T1	4		Joseph: 4	Joseph: 2		
T2	8		Kevin: 5	Kevin: 6	Joseph: 2	Joseph: 3
T3	5	Jin: 2 Joseph: 3				
T4	5			Hayden: 3	Hayden: 1	
T5	5			Salim: 3	Salim: 4	Salim:3

Sprint 6 Burndown Chart

