# Not Fast, Just Furious

Alexander Hung, David Yau, Gavin Zhang, Jason Fong, Mathu Manogaran

Sprint Backlog
Last updated: November 27, 2017

Table of Contents

Next Week (Monday): (Week 6) [November 21 - November 27]

Carried over from **last sprint**:
- Add CSV Upload to Questions (Mathu) (U2 T4) (2)
- Validators for parsing data files (David) (NST, T3) (4 → 3 left)
- Validators for professor entering questions (David) (NST, T6) (5 → 3 left)
- Validators for professor entering assignments (David) (NST, T7) (5 → 2 left)
- Display class average for an assignment on the GUI (Jason) (U8, T2) (4 → 1 left)
- Display deadline of an assignment on student GUI (Jason) (NST, T9), (3 → 1 left)

New this sprint:
- Figure out how to parse a question such as "a+b" into variables (Gavin) (U9, T1) (6)
- Make function to parse "a+b" variable questions from database and create question for assignment (Gavin) (U9, T2) (5)
- Parse "a+b" answer function from assignment, and calculate answer (Gavin) (U9, T3) (5)
- Display "a+b" questions and check (Jason) (U9, T4) (2)
- Refactor DOA - move validators to separate file (David) (NST, T10) (2)
- Create an 'add professor' button on the GUI (Mathu) (NST, T11) (2)
- Add ability to remove student from database (Mathu) (NST, T12) (1)
- Add option for professor GUI to remove student from database (Mathu) (NST, T13) (1)
- Create logout button for student (Jason) (NST, T14) (1)
- Create logout button for professor (Mathu) (NST, T15) (1)
- Make visual improvements to Student GUI (Jason) (NST, T16) (3)
- Make visual improvements to Professor GUI (Mathu) (NST, T17) (3)
- Put Sloth background on GUI pages (Jason) (NST, T18) (4)

Sprint Overview (Week 6) [Nov 21 - Nov 27]

M	(U2, T4, 2), (NST, T11, 2), (NST, T12, 1), (NST, T13, 1), (NST, T15, 1), (NST, T17, 3)
G	(U9, T1, 6), (U9, T2, 5), (U9, T3, 5)
D	(NST, T3, 3), (NST, T6, 3), (NST, T7, 2), (NST, T10, 2)
J	(U8 T2, 1), (U9, T4, 2), (NST, T9, 1), (NST, T14, 1), (NST, T16, 3), (NST, T18, 4)

Provisional Schedule (Week 6) [Nov 21 - Nov 27]

	Nov 21	Nov 22	Nov 23	Nov 24	Nov 25	Nov 26	Nov 27
U2 T4	M → 2						
U8 T2	J → 1						
U9 T1	G → 6						
U9 T2		G → 3	G → 2				
U9 T3			G → 1	G → 3	G → 1		
U9 T4						J → 2	
NST T3		D → 3					
NST T6		D → 1	D → 2				
NST T7				D → 2			
NST T9	J → 1						
NST T10	D → 2						
NST T11	M → 2						
NST T12		M → 1					
NST T13		M → 1					
NST T14		J → 1					
NST T15		M → 1					
NST T16		J → 2		J → 1			
NST T17		M → 3					
NST T18				J → 4			

Actual Schedule (Week 6) [Nov 21 - Nov 27]

	Nov 21	Nov 22	Nov 23	Nov 24	Nov 25	Nov 26	Nov 27
U2 T4							
U8 T2	J → 1						
U9 T1	G → 6						
U9 T2					M → 3	M→ 3	
U9 T3						M→ 5	
U9 T4						M → 2	
NST T3					D → 3		
NST T6		D → 2	D → 1				
NST T7						D → 2	
NST T9			J → 1				
NST T10				D → 2			
NST T11					M→ 2		
NST T12						M→ 1	
NST T13						G → 4	
NST T14						J → 1	
NST T15						J → 1	
NST T16					J → 1	J → 2	
NST T17						J → 3	
NST T18					J → 2	J → 2	

Total Hours of Work During the Week

Nov 7 - Nov 13 (Sprint 4)	Expected Hours	Actual Hours
Mathu	10	14
Jason	12	14
David	10	10
Gavin	16	8
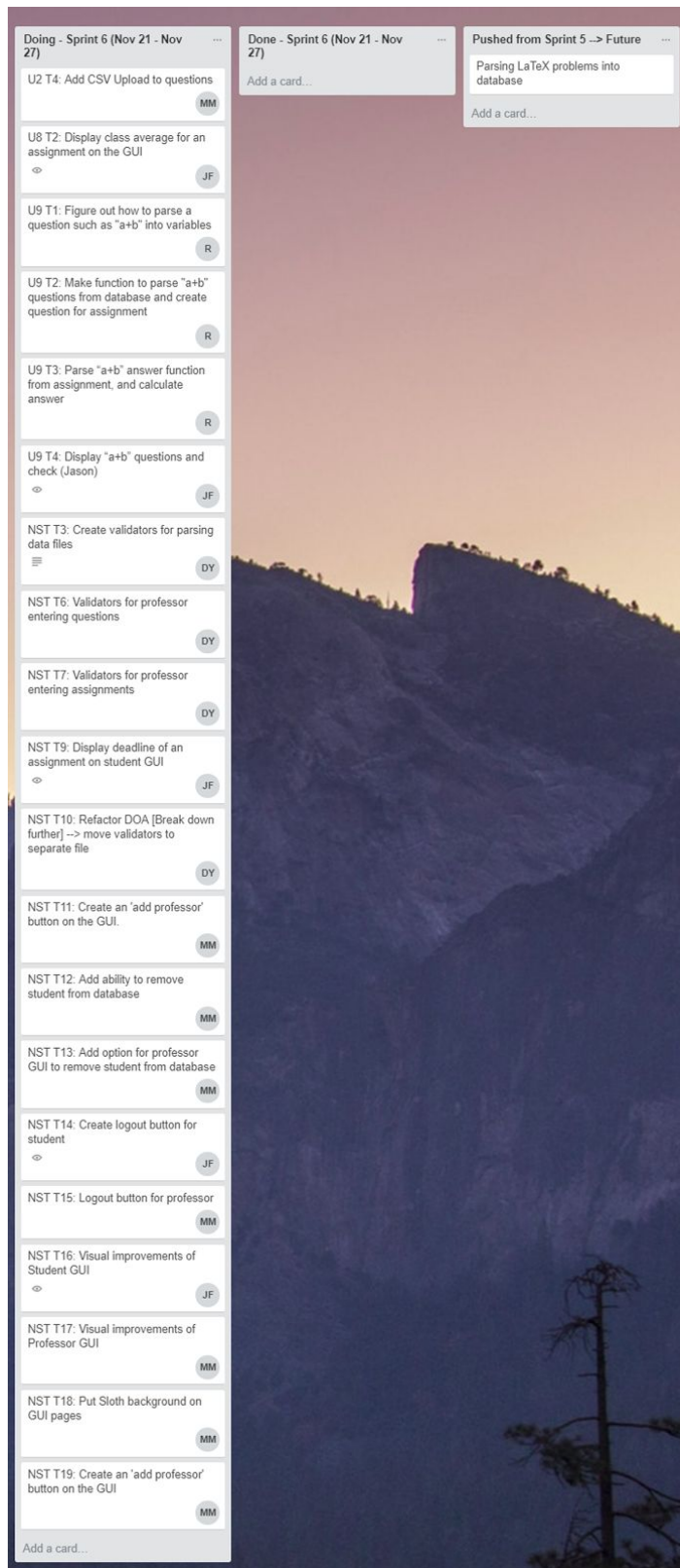
Burndown Chart

Day	Provisional	Actual
Nov 20	48	48
Nov 21	40	47
Nov 22	30	47
Nov 23	27	43
Nov 24	18	42
Nov 25	18	38
Nov 26	0	0

Sprint 4 Burndown Chart
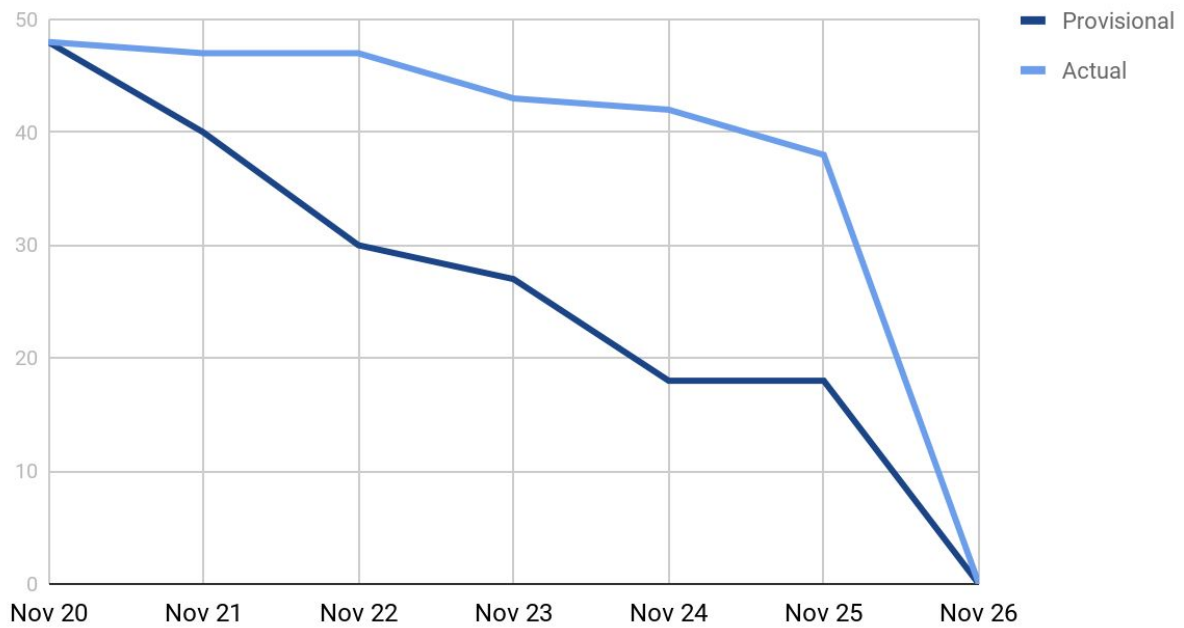
Sprint Beginning Taskboard

Doing - Sprint 6 (Nov 21 - Nov 27)

U2 T4: Add CSV Upload to questions
MM

U8 T2: Display class average for an assignment on the GUI
👁 JF

U9 T1: Figure out how to parse a question such as "a+b" into variables
R

U9 T2: Make function to parse "a+b" questions from database and create question for assignment
R

U9 T3: Parse "a+b" answer function from assignment, and calculate answer
R

U9 T4: Display "a+b" questions and check (Jason)
👁 JF

NST T3: Create validators for parsing data files
☰ DY

NST T6: Validators for professor entering questions
DY

NST T7: Validators for professor entering assignments
DY

NST T9: Display deadline of an assignment on student GUI
👁 JF

NST T10: Refactor DOA [Break down further] --> move validators to separate file
DY

NST T11: Create an 'add professor' button on the GUI.
MM

NST T12: Add ability to remove student from database
MM

NST T13: Add option for professor GUI to remove student from database
MM

NST T14: Create logout button for student
👁 JF

NST T15: Logout button for professor
MM

NST T16: Visual improvements of Student GUI
👁 JF

NST T17: Visual improvements of Professor GUI
MM

NST T18: Put Sloth background on GUI pages
MM

NST T19: Create an 'add professor' button on the GUI
MM

Add a card...

Done - Sprint 6 (Nov 21 - Nov 27)

Add a card...

Pushed from Sprint 5 --> Future

Parsing LaTeX problems into database

Add a card...

Sprint Ending Taskboard

Doing - Sprint 6 (Nov 21 - Nov 27)	Done - Sprint 6 (Nov 21 - Nov 27)	Pushed from Sprint 5 --> Future
Add a card...	U2 T4: Add CSV Upload to questions — MM	Parsing LaTeX problems into database
	U8 T2: Display class average for an assignment on the GUI — JF	Add a card...
	U9 T1: Figure out how to parse a question such as "a+b" into variables — R	
	U9 T2: Make function to parse "a+b" questions from database and create question for assignment — R	
	U9 T3: Parse "a+b" answer function from assignment, and calculate answer — R	
	U9 T4: Display "a+b" questions and check (Jason) — MM	
	NST T3: Create validators for parsing data files — DY	
	NST T6: Validators for professor entering questions — DY	
	NST T7: Validators for professor entering assignments — DY	
	NST T9: Display deadline of an assignment on student GUI — JF	
	NST T10: Refactor DOA [Break down further] --> move validators to separate file — DY	
	NST T11: Create an 'add professor' button on the GUI. — MM	
	NST T12: Add ability to remove student from database — MM	
	NST T13: Add option for professor GUI to remove student from database — MM	
	NST T14: Create logout button for student — JF	
	NST T15: Logout button for professor — MM	
	NST T16: Visual improvements of Student GUI — JF	
	NST T17: Visual improvements of Professor GUI — JF	
	NST T18: Put Sloth background on GUI pages — JF	
	NST T19: Create an 'add professor' button on the GUI — MM	
	Add a card...	

Sprint Report

This week's sprint was our most productive sprint with all tasks complete. We assigned more tasks this sprint compared to previous sprints. This sprint we were able to complete more from previous sprints due to improvements in our team communication and pressure to complete the remaining tasks before the end of the project. During this sprint we also transferred task responsibilities around to different team members for similar coding tasks or features.

David: Created and finished the validators for testing uploading files(ie. Make sure the contents are valid), and professor input for adding assignments and questions. Also, took the validator methods in DOA and put it into it's own package/class.

Gavin: Created functions for removing students and their marks from courses after the course has been completed.

Jason: Worked on finishing components of the Student's GUI related to displaying properties of an assignment. Implemented CSS styling across Professor and Student GUI. Added other small GUI features.

Mathu: Added functionality to add Professors to the back and front end. Added way to add csv files of Assignments and Questions. Added buttons to be able to remove student information from courses and assignment marks. Figured out and implemented random variables to the questions.