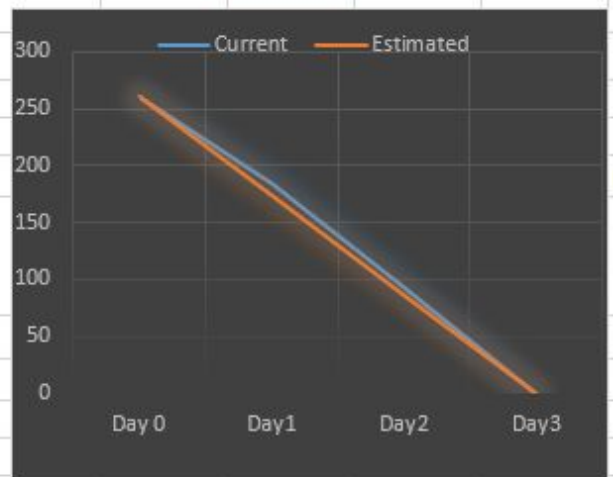# Appendix D Scrum

GROUP 6

Gradebook - Sprint 1 - Inception

Sprint Dates : 27 October, 28 October, 29 October

Nr of points for this sprint :

260

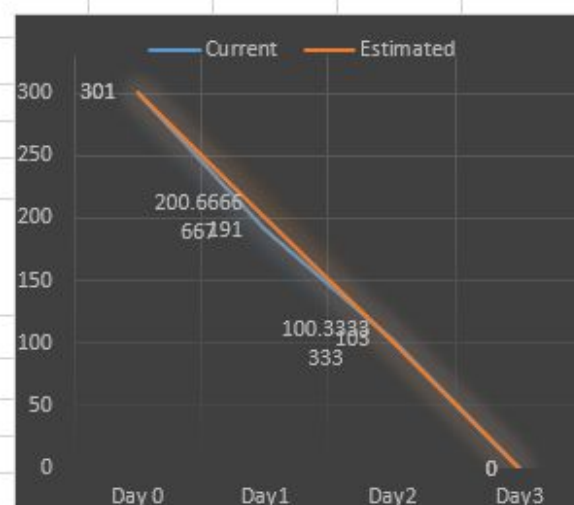| Task	Story Points	Status	Day 1	Day2	Day3
Group policy	10	Done	10		
Group roles	5	Done	5		
Document sprint 1 meeting	15	Done	5	5	5
Create non-functional requirements	20	Done	10	5	5
Create user stories	30	Done	15	5	10
Create view grades and absences use case	10	Done		10	
Create view grades and absences of own student use case	10	Done		8	2
Create assign grade use case	10	Done		4	6
Create er diagram	20	Done	5	5	10
Design TCP Socket communication protocol	30	Done		10	20
Create wireframe for Log In	10	Done	10		
Create assign absence use case	10	Done			10
Create wireframe for Student Window	10	Done	10		
Create wireframe for Teacher Window	10	Done			10
Create Excuse absence use case	10	Done		10	
Create domain model	20	Done		20	
Merge user story 3 and 7	5	Done	5		
Start designing T1 structure	25	Done		10	15
Total	260		75	92	93
Scrum Master's approval :					Done

GROUP 6
Gradebook - Sprint 2 - Elaboration
Sprint Dates : 2 November, 3 November, 4 November

Nr of points for this sprint :

301

Task	Story Points	Status	Day 1	Day2	Day3
Document development performed during Sprint 2.	15	Done	5	5	5
Update teacher wireframe	5	Done	5		
Finish the design of tier 1	15	Done	15		
Start Coding tier 1 - C#	25	Done	10	5	10
Create Manage teachers use case	20	Done	15	5	
Create activity diagram for View grades and absences use case	10	Done	5	5	
Create activity diagram for Assign grades use case	10	Done		10	
Remove the calculate average grade function from user stories	3	Done			3
Create activity diagram for Assign absence use case	10	Done		10	
Create Manage Student use case	15	Done	15		
Update domain model	10	Done	10		
Create Manage Student use case	15	Done	5	10	
Create SSL for View grades and absences use case	7	Done	7		
Create Manage class use case	25	Done	5	3	17
Create SSL for View grades and absences of own students use case	8	Done	3	5	
Update View grades and absences use case	5	Done			5
Learn and how to use GitHub	15	Done		5	10
Create activity diagram for Excuse absence use case	10	Done			10
Create SSL for Assign grades use case		Done			
Design tier 2 and tier 3 java arhitechture	35	Done	10	10	15
Learn how to combine HTML, CSS and C# making the user interface of T1	10	Done		10	
Learn how to use springboot and test it	10	Done			10
Test tier 1 code and improve it	15	Done		5	10
Create SSL for Assign Absences use case	8	Done			8
Total	301		110	88	103
Scrum Master's approval :					Done

GROUP 6

Gradebook - Sprint 3 - Elaboration

Sprint Dates : 6 November, 7 November, 8 November

Nr of points for this sprint :

352

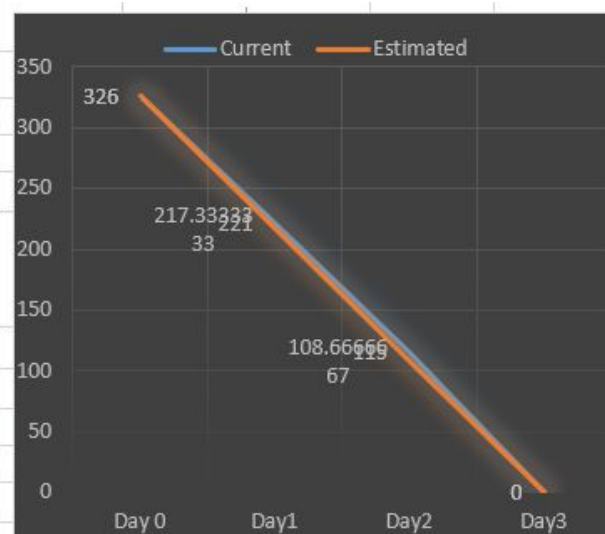| Task	Story Points	Status	Day 1	Day2	Day3
Document development performed during sprint 3	15	Done	5	5	5
Create Manage Class use case	10	Done	10		
Create Change Log In use case	10	Done	10		
Code tier 2 - Java	25	Done	10	10	5
Try to add dbs to tier 3 but eventualy go with hardcoded data for	15	Done		5	10
Code Tier 3 = Java	30	Done	5	5	20
Merge the tiers and start using GitHub	10	Done	10		
Connect all the tiers on 1 computer	10	Done			10
Update domain model	10	Done			10
Create SSL for Excuse absences		Done			
Update ER diagram	10	Done		10	
Create activity diagram for Manage classes use case	30	Done	5	5	20
Create SSLs for Manage teachers	5	Done		5	
Create activity diagram for Manage teachers use case	15	Done	15		
Debuged the incopatibility bethween C# and Java Json files	25	Done		25	
Create proper class diagrams in Astah for all the tiers	25	Done	5	10	10
Modify tier 1 interface according to teacher feedback	12	Done	2	10	
Create activity diagram for Manage Students use case	20	Done	5	15	
Test connections bethween all tiers and debug	25	Done		5	20
Create SSL for Manage Student	5	Done		5	
Fix merge issue	25				25
Test the program using hardcoded data and preparing for presentation	20	Done			20
Total	352		82	115	155
Scrum Master's approval :					Done

GROUP 6

Gradebook - Sprint 4 - Construction

Sprint Dates : 16 November, 17 November, 21 November

Nr of points for this sprint :

326

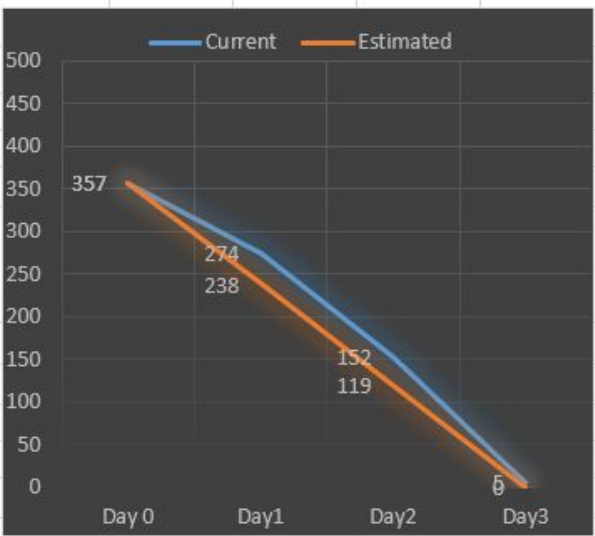| Task	Story Points	Status	Day 1	Day2	Day3
Document development during sprint 4	15	Done	5	5	5
Implement teacher window	15	Done	15		
Fix double grade bug student window bug	10	Done	10		
Make student window design pretier	10	Done	10		
Implement View grades of own students use case	12	Done	10	2	
Connect teacher window to tier 2 and 3	12	Done	10	2	
Implement Assign grade use case	10	Done	5	5	
Create activity diagram for Manage class use case	10	Done	10		
Implement Assign Absence use case	10	Done		10	
Update domain model	10	Done	5	5	
Implement excuse absence use case	10	Done		10	
Update Assign grade use case	12	Done	10	2	
Update Assign absence use case	10	Done		5	5
Implement PostGreSQL DBS	15	Done		15	
Update Excuse absence use case	10	Done			10
Test and fix the teacher window while still using hardcoded data in tier 3	15	Done		5	10
Edit the network packages to fit the new needs	15	Done	5	5	5
Update the Assign grade use case activity diagram and SSL	15	Done		10	5
Update the Assign absence use case activity diagram and SSL	15	Done		15	
Update the Excuse absence activity diagram and SSL	10	Done			10
Update the look of the log in window	10	Done	10		
Resolve GitHub merge issue	20	Done			20
Implement secretary requests in tier 2 and 3	10	Done		10	
Remove teacher error field	5	Done			5
Update Teacher window so that no faulty data can be sent to tier 2		Done			
Connect database to Tier 3	25	Done			25
Transfer the student window data to the DBS	15	Done			15
Total	326	Done	105	106	115
		Scrum Master's approval :			Done

GROUP 6

Gradebook - Sprint 5 - Construction

Sprint Dates : 25 November, 28 November, 29 November

Nr of points for this sprint :

357

Current — Estimated

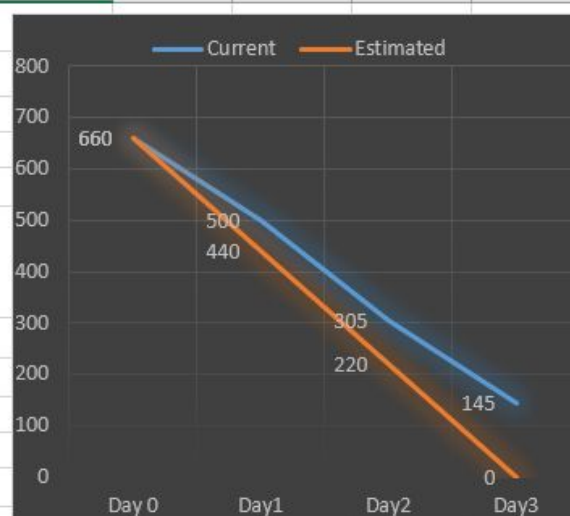| Task	Story Points	Status	Day 1	Day2	Day3
Document development during sprint 5	15	Done	5	5	5
Implement Secretary window	15	Done	10		
Receive secretary data from tier 2	10	Done	10		
Implement Manage Teachers use case	20	Done	18	2	
Update Manage teacher use case	10	Done	3	7	
Implement connection bethween teachers and classes in the database	5	Done	5		
Bug test and fix Manage teacher secretary window	15	Done	15		
Update Manage Teachers activity diagram	10	Done		10	
Create de rest of the SSIs	15	Done	5	10	
Change log in functionality	10	Done		2	8
Update Manage teachers SSLs	5	Done		5	
Implement Manage students use case	25	Done	5	20	
Bug test and fix Manage students secretary window	10	Done		5	5
Implement relations bethween classes and students in the database	10	Done		10	
Update the class diagram	30	Done		25	5
Update the data received by the secretary window	12	Done	2	6	4
Resolve some more merge issues	15	Done			15
Implement Manage classes use case	35	Done	5	10	20
Update some of the network packages	10	Done			10
Update Manage classes activity diagram	5	Done			5
Add 'Are you sure' pop-up to all the important actions of the application	15	Done			15
Update some of the user stories	10	Done			10
Add error label to the windows to display the error messages when needed	15	Done			15
Bug test and fix the secretary window	35	Done		5	30
	357	Done	83	122	147
Scrum Master's approval :					Done

GROUP 6

Gradebook - Sprint 6 - Construction

Sprint Dates : 30 November, 3 Devember, 4 Devember

Nr of points for this sprint :

660

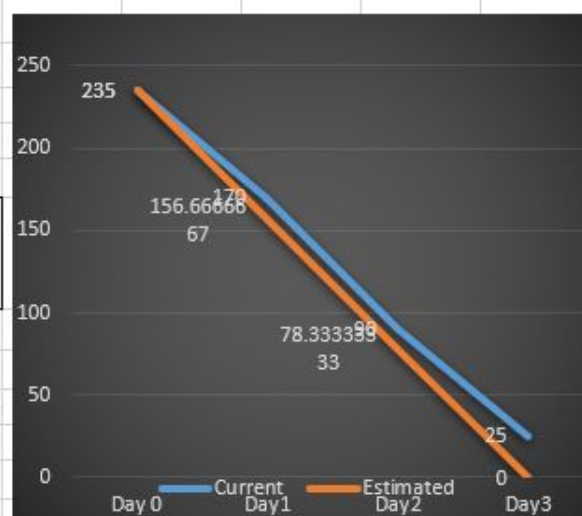| Task	Story Points	Status	Day 1	Day2	Day3
Document development performed during sprint 6	15	Done	5	5	5
Bug test and fix the whole application layer by layer	40	Done	35	5	
Improve the GUI looks	25	Done		20	5
Film video DEMO of the application working	30	Done			30
Create final class diagrams for all the tiers	100	Done	20	40	40
Create project report	200	Not done	50	50	20
Create process report	80	Done	40	40	
Create analysis appendix	100	Not done	20		60
Create user guide	50	Not done		30	
Final buggtesting	30	Done	30		
Create SCRUM appendix	100	Not done		35	40
Total	660	Not done	160	195	160
Scrum Master's approval :					Not done

GROUP 6

Gradebook - Sprint 7 - Transition

Sprint Dates : 8 December, 10 December, 11 December

Nr of points for this sprint :

235

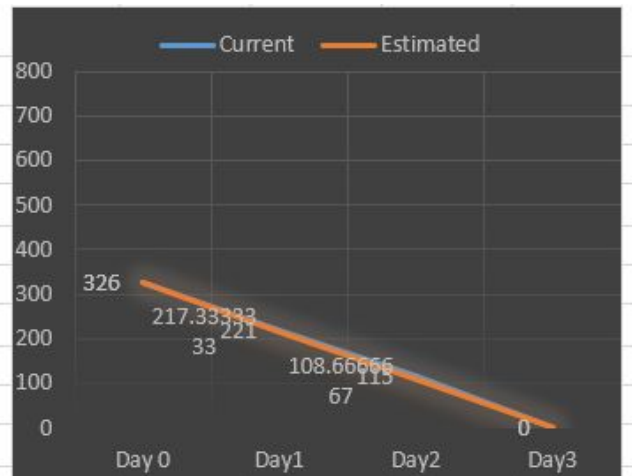| Task	Story Points	Status	Day 1	Day2	Day3
Document development performed during sprint 7	15	Done	5	5	5
Finish project report	80	Done	40	30	10
Eddit demo video and upload it	40	Done		25	15
Finish analysis appendix	20	Done	10	10	
Start making a presentation scrip	40	Not done			15
Finish user guide	30	Done	15	15	
Finish SCRUM appendix	25	Done			25
Total	235	Not done	65	80	65
Scrum Master's approval :					Done

GROUP 6

Gradebook - Sprint 8 - Transition

Sprint Dates : 14 December, 15 December

Nr of points for this sprint :

140

Task	Story Points	Status	Day 1	Day2	-----
Document the development performed during sprint 8	10	Done	5	5	
Finish scrip	35	Done	35		
Film the video presentation	30	Done	30		
Edit the presentation and upload it	25	Done		25	
Update scrum	15	Done	5	10	
Final check and project upload	25	Done	5	25	
	140	Done	80	65	

Sprint Evidence