

Student Athlete Schedule

Agile Tracking Sheet

Kailey Turpening

Date 12/1/2024

CS 225, Fall 2024

Embry-Riddle Aeronautical University

Daytona Beach campus

1 Aerospace Boulevard

Daytona Beach, FL 32114

Table 1: User Story Summary

User Story ID	User Story	Completeness Criteria	Effort Estimate (hours)	Priority	Worked in Sprint (Estimated)
1	As a user I want to input if I am a student athlete or not.	Create user input.	< 1	14	1
2	As a student athlete scheduler, I want to end the program if they are not a student athlete.	Do not enter the following while loop if the user says no. If they say yes, enter a while loop.	<1	15	1
3	As a user I want to input if I am in ROTC or not.	Create a user input.	<1	16	1
4	As a user I want to input my name so that can be added to the text file.	Create a user input.	<1	13	1
5	As a user I want to input my sport so that can be added to the text file.	Create a user input	<1	17	
6	As an ROTC user, I want to input my rank.	Use an if statement and user input.	1		
7	As a scheduler I want to add to a text file with the user's name and continue to add information received by the user into the text file.	Create text file from prior user input.	2	1	1
8	As a user I want to input my class, practice, game, meeting, club, and sleep schedule (in military time).	Create user input.	2	2	2
9	As a scheduler I want to add this user's schedule into the text file so that it can be accessed again, and more things could be added or subtracted to it in the future.	Add values into text file.	1	10	2
10	As a scheduler I want to not allow the user to add times that overlap.	Create a while loop and use if statements to determine if times overlap.	1	3	2
11	As a scheduler I want to require at least 6 hours of sleep to be input for each night.	Create a while loop and keep going through until valid input is entered.	1	18	2
12	As a scheduler I want to display the user's schedule they input.	Create a display method.	1	4	2

13	As a scheduler I want to determine and display the times of day where the user has free time.	Create a method that finds the time of day that was not entered yet.	2-3	5	3
14	As a user I want to use these free times and determine when to add extra activities (meal prep, eating, homework/study, socializing).	Create user input.	<1	12	3
15	As a scheduler I want to not allow the user to add these extra activities if the times overlap with each other OR previously added activities.	Create a while loop and use if statements to determine if times overlap.	2-3	6	3
16	As a scheduler I want to display the user's scheduler with the added extra activities	Create a display method.	1	7	3
17	As a scheduler I want to ask the user at the end if they would like to add anything.	Create a user input.	<1	11	4
18	As a user I want to either end it there or continue (continuing would just go back to user story 7).	Send out of the original while loop if the user doesn't want to continue.	<1	8	4

Table 2: Sprint Work Summary

Sprint	Backlog	In Work This Sprint	Completed This Sprint
1	P2: 1-16	P2: 1-5	1-4
2	P3: 1-16	P3	4-6
3	P4: 1-16	P4	6-16
4	Final	P4	Submission

Table 3: Weekly Remaining Effort Estimate (Burn Down Chart)

	Start*	Nov 7	Nov 11	Nov 15	Nov 22	Dec 1 - End
Planned	P0 (5 hours)	P1 (5 hours)	P2 (5 hours)	P3 (5 hours)	P4 (5 hours)	0
Actual	P0 (2 hours)	P1 (2 hours)	P2 (5 hours)	P3 (6 hours)	P4(12 hours)	1 (presentation)

