

Prioritized Backlog

UID	STORY	PRIO	SP	Depends on
1	As an athlete, I want to be able to enter what I eat for each meal.	[Priority: Must Do]	12	
5	As an athlete, I want to enter the amount of water I consume.	[Priority: Must Do]	8	
8	As an athlete, I want to enter exercise that I do.	[Priority: Must Do]	22	
11	As an athlete, I want to enter dietary goals.	[Priority: Must Do]	6	
Sprint release 1			48	
13	As an athlete, I want to enter fitness goals.	[Priority: Must Do]	6	
16	As an athlete, I want to enter weight and height information.	[Priority: Must Do]	6	
15	As an athlete, I want the application to track my weight.	[Priority: Must Do]	17	16
17	As an athlete, I want to set a target weight.	[Priority: Should Do]	6	
2	As an athlete, I want to enter the calories for the food I eat.	[Priority: Should Do]	8	1
3	As an athlete, I want the application to calculate a suggested amount of calories for each meal.	[Priority: Should Do]	6	11
Sprint release 2			49	
9	As an athlete, I want the application to calculate the amount of calories burned in a workout based	[Priority: Should Do]	9	8,16
10	As an athlete, I want the application to notify me if I am not exercising frequently enough.	[Priority: Should Do]	7	8
12	As an athlete, I want the application to notify me if I am not meeting my dietary goals.	[Priority: Should Do]	7	11,2
14	As an athlete, I want the application to notify me if I am not meeting my fitness goals.	[Priority: Should Do]	7	13,8
20	As an athlete, I want the application to calculate how many pounds per week I should lose.	[Priority: Should Do]	8	17,15
7	As an athlete, I want the application to calculate a suggested amount of water that I should consu	[Priority: Could Do]	4	5,16
6	As an athlete, I want the application to notify me if I am not consuming water regularly enough.	[Priority: Should Do]	7	5,7
Sprint release 3			49	
18	As an athlete, I want the application to feature healthy recipes.	[Priority: Could Do]	17	
4	As an athlete, I want the application to notify me if I am not meeting my suggested calorie intake.	[Priority: Could Do]	7	3,2
19	As an athlete, I want the application to feature suggested workouts.	[Priority: Could Do]	22	13,17,15
Sprint release 4			46	

Instructions

Generate a release plan with four sprints based on the prioritized release backlog below.

For the past two projects, this development team has completed an average of 50 story points per sprint.  
Use this value as the maximum amount of story points per sprint.

Organize the following 20 user stories into a release plan featuring four sprints.  
Your submission should be organized in a spreadsheet-style to clearly convey to the reader which user-stories are assigned to each sprint.

Submit your finished work as a PDF document.

- (1) As an athlete, I want to be able to enter what I eat for each meal. [Priority: Must Do] 12 – Story points
- (2) As an athlete, I want to enter the calories for the food I eat. [Priority: Should Do] 8 – Story points
- (3) As an athlete, I want the application to calculate a suggested amount of calories for each meal. [Priority: Should Do] 6 – Story points
- (4) As an athlete, I want the application to notify me if I am not meeting my suggested calorie intake. [Priority: Could Do] 7 – Story points
- (5) As an athlete, I want to enter the amount of water I consume. [Priority: Must Do] 8 – Story points
- (6) As an athlete, I want the application to notify me if I am not consuming water regularly enough. [Priority: Should Do] 7 – Story points
- (7) As an athlete, I want the application to calculate a suggested amount of water that I should consume. [Priority: Could Do] 4 – Story points
- (8) As an athlete, I want to enter exercise that I do. [Priority: Must Do] 22 – Story points
- (9) As an athlete, I want the application to calculate the amount of calories burned in a workout based on the activity and my body size. [Priority: Should Do] 9 – Story points
- (10) As an athlete, I want the application to notify me if I am not exercising frequently enough. [Priority: Should Do] 7 – Story points
- (11) As an athlete, I want to enter dietary goals. [Priority: Must Do] 6 – Story points
- (12) As an athlete, I want the application to notify me if I am not meeting my dietary goals. [Priority: Should Do] 7 – Story points
- (13) As an athlete, I want to enter fitness goals. [Priority: Must Do] 6 – Story points

## Instructions

- (14) As an athlete, I want the application to notify me if I am not meeting my fitness goals. [Priority: Should Do] 7 – Story points
- (15) As an athlete, I want the application to track my weight. [Priority: Must Do] 17 – Story points
- (16) As an athlete, I want to enter weight and height information. [Priority: Must Do] 6 – Story points
- (17) As an athlete, I want to set a target weight. [Priority: Should Do] 6 – Story points
- (18) As an athlete, I want the application to feature healthy recipes. [Priority: Could Do] 17 – Story points
- (19) As an athlete, I want the application to feature suggested workouts. [Priority: Could Do] 22 – Story points
- (20) As an athlete, I want the application to calculate how many pounds per week I should lose. [Priority: Should Do] 8 – Story points

Dependencies Backlog

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3	As an athlete, I want the application to calculate a suggested amount of calories for each meal.	[Priority: Should Do]	6	11
4	As an athlete, I want the application to notify me if I am not meeting my suggested calorie intake.	[Priority: Could Do]	7	3,2
5	As an athlete, I want to enter the amount of water I consume.	[Priority: Must Do]	8	
6	As an athlete, I want the application to notify me if I am not consuming water regularly enough.	[Priority: Should Do]	7	5,7
7	As an athlete, I want the application to calculate a suggested amount of water that I should consume.	[Priority: Could Do]	4	5,16
8	As an athlete, I want to enter exercise that I do.	[Priority: Must Do]	22	
9	As an athlete, I want the application to calculate the amount of calories burned in a workout based on the	[Priority: Should Do]	9	8,16
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Dependency Sorted Backlog

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18	As an athlete, I want the application to feature healthy recipes.	[Priority: Could Do]	17	
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4	As an athlete, I want the application to notify me if I am not meeting my suggested calorie int	[Priority: Could Do]	7	3,2
7	As an athlete, I want the application to calculate a suggested amount of water that I should	[Priority: Could Do]	4	5,16
6	As an athlete, I want the application to notify me if I am not consuming water regularly enoug	[Priority: Should Do]	7	5,7
9	As an athlete, I want the application to calculate the amount of calories burned in a workout	[Priority: Should Do]	9	8,16
10	As an athlete, I want the application to notify me if I am not exercising frequently enough.	[Priority: Should Do]	7	8
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