

Serial No	Dependency Between	Explanation of Dependency
1	Story No 1 & 2	If story 1 is not done previously, tracking the weight of the user won't be possible in story 2
2	Story No 3 & 4	If story 3 is not done previously, calculating the weight to lose won't be possible in story 4
3	Story No 5 & 6	If story 5 is not done previously, calculating the burnout amount of calories won't be possible in story 6
4	Story No 1 & 9	If story 1 is not done previously, suggesting diet won't be possible in story 9
5	Story No 1 & 10	If story 1 is not done previously, suggesting the number of calories won't be possible in story 10
6	Story No 8 & 11	If I don't input the amount of consumed calorie, it won't be able to suggest appropriate calorie
7	Story No 15 & 17	If the fitness goals are not set in story 15, it won't be able to notify me on fitness goals in story 17
8	Story No 16 & 18	If the dietary goals are not set in story 16, it won't be able to notify me on dietary goals in story 18
9	Story No 1 & 20	If the height and weight are not set previously in story 1, the coach won't be able to get information in story 20
10	Story No 5 & 21	If the exercise amount is not provided previously in story 5, the coach won't be able to get information in story 21

The user stories are set serially according to dependency which is correct in order.

Sprint No	Story No	User Story	Story Point	Priority	Risk
1 19 points	5	As an athlete, I want to enter exercise that I do, so that I can track my activity.	8	Must	High
	19	As an athlete, I want to link a coach to my account, so they can track my progress.	8	Must	High
	1	As an athlete, I want to enter weight and height information, so that I can use that information to track and calculate other health information. (Other stories are dependent on this)	3	Must	Low
2 20 points	8	As an athlete, I want to be able to enter what I eat for each meal, so that I can track my nutrition.	5	Must	Moderate
	20	As a coach, I want to see the height and weight information of my athletes, so that I can adjust their training and diets appropriately	5	Must	Moderate
	21	As a coach, I want to see the amount of exercise that my athletes are completing, so that I can see how much they are exercising	5	Must	Moderate
	2	As an athlete, I want the application to track my weight so that I can see my improvements.	5	Must	Low

3 20 points	15	As an athlete, I want to enter fitness goals, so that I have a goal to obtain.	2	Must	Moderate
	16	As an athlete, I want to enter dietary goals, so that I have a goal to obtain.	2	Must	Moderate
	22	As a coach, I want to see what my athletes are eating, so that I can determine if their diet is appropriate for their training	5	Must	Moderate
	7	As an athlete, I want the application to notify me if I am not exercising frequently enough so that I stay in shape.	3	Should	Moderate
	9	As an athlete, I want to enter the calories for the food I eat, so that I know how much I am consuming.	2	Should	Moderate
	12	As an athlete, I want to enter the amount of water I consume, so that I can track my hydration.	3	Should	Moderate
	17	As an athlete, I want the application to notify me if I am not meeting my fitness goals so that I can stay on track to meeting my goals.	3	Should	Moderate

4 20 points	18	As an athlete, I want the application to notify me if I am not meeting my dietary goals so that I can stay on track to meeting my goals.	3	Should	Moderate
	3	As an athlete, I want to set a target weight, so that I have a weight goal to reach.	1	Should	Low
	24	As a coach, I want to see the fitness goals of my athletes, so that I can adjust their training to meet their goals	3	Should	Low
	25	As a coach, I want to see the dietary goals of my athletes, so that I can adjust their diet to meet their goals	3	Should	Low
	6	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 so that I know the results of my workout.	5	Could	Low
	10	As an athlete, I want the application to calculate a suggested amount of calories for each meal based on my height and weight, so I can adjust my diet accordingly	3	Could	Low
	4	As an athlete, I want the application to calculate how many pounds per week I should lose so that I can see if I'm on track with my weight goals	2	Could	Moderate