

User Stories

Versions

VersionID	Description	Date
1.0	Sprint 1, Initialise a user story table based on the current understanding of requirements, goal model and persona.	2022-03-23
2.0	Sprint 2, update, add Epic and Github Project Issue with links & with further scope change.	2022-04-30

Version 2.0 – User Story Table

In Scope

The Garmin API project will focus on how Users' data from its workout sessions is being synchronised between devices and dashboards through the Garmin API.

Epic	Story ID	Issue ID	Issue Type	As	I Want To	So That	Size Estimation	MoSCoW Priority	Justification
Epic-01 Coaching-Mate Account Management	01	#31	Account Register	Athlete	I want to be able to create my account	I can have a Coaching-mate account	Medium	Must have	<i>Size estimation:</i> require align only useful information to be required for register. And Input validation for security reason. <i>MoSCoW priority:</i> Athlete must have an account for login.
	02	#10	Account login/logout	Athlete	I want to be able to login into my account	I can use the watch personally	Medium	Must have	<i>Size estimation:</i> user token is required, and user database require be well connected. <i>MoSCoW priority:</i> Athlete must be able to login & logout their account.
	03			Athlete	I want to be able to logout of my account	I can change to another's account			
	04	#42	Retrieve Account Password	Athlete	I want to be able to retrieve my password	I can get my password back if I forgot	Small	Should have	<i>Size estimation:</i> easy to set up retrieve password function with registration email. <i>MoSCoW priority:</i> not affect the core process.
	05	#43	Reset Account Password	Athlete	I want to be able to reset my password	I can change update my password for security reason	Small	Should have	<i>Size estimation:</i> change password requires an email sent to user and user can then simply change their password. <i>MoSCoW priority:</i> not affect the core process.
	06	Emotional	Account Security	Athlete	I want my account is secure	no unauthorised access of my account will happen	Non-functional		

Epic	Story ID	Issue ID	Issue Type	As	I Want To	So That	Size Estimation	MoSCoW Priority	Justification
Epic-02 Garmin API Connection	07	#9	Make Garmin API Connection	Athlete	I want to connect my coaching mate account to Garmin	my Coaching-Mate account can get my Activity data from Garmin connect	Large	Must have	<i>Size estimation:</i> Many API connection related subtasks is required to be done. <i>MoSCoW priority:</i> Athlete must be able to connect Coaching-mate with Garmin.
	08			Athlete	I want to be able to disconnect my coaching mate account from Garmin	I am able to stop receiving data from Garmin connect		Should have	<i>Size estimation:</i> only add one button for disconnection. <i>MoSCoW priority:</i> not affect the core process.
	09	#30	Manage Garmin API Connection	Athlete	I want to be able to choose whether to connect my coaching mate account to Garmin or not	I am able to manage my account's connection selectively	Small	Should have	<i>Size estimation:</i> Before connection give user a button to exit, if they want make connection later. <i>MoSCoW priority:</i> not affect the core process.
Epic-03 View Synchronised Activity Data	10	#14	View Activity Data can from Coaching-Mate Activity Dashboard Page	Athlete	I want all my activity data from Garmin been shown on the Coaching-mate Dashboard	I can view all my activities from the Coaching-mate Dashboard	Medium	Must have	<i>Size estimation:</i> We need collect Activity data (JSON format) from Garmin, and make this sync with our database & then show on the frontend, which is a complicated task. <i>MoSCoW priority:</i> Athlete Must be able to see their Activities after connection.
	11	#44	View Activity Detail from Coaching-Mate Activity Detail Page	Athlete	I want detailed activity data for each single activity is shown on an Activity Detail Page.	I can view detailed activity data for specific activity from the Activity Detail Page.	Large	Must have	<i>Size estimation:</i> More complicated as different type of Activity have different contents of data. <i>MoSCoW priority:</i> Athlete Must be able to see each Activity in detail.
	12	Emotional	Real-time Update	Athlete	I want all my activity data is updated in Real-time	I can be sure the data I see from the Coaching-mate is not out dated	Non-functional		

Out Scope

Our Garmin API project will not be working on adding new features such as instant messaging or adding workout templates.

StoryID	User	Story/Scenario	MoSCoW Priority	Issue Type
OUT_12	Athlete	As an athlete, I want to share or comment (maybe like a workout session) on my friend's workout session, so that I can chat and socialise with my friends.	Could	Social
OUT_13	Athlete	As an athlete, I want to view the Heat Map of my workout session, so then I can gain a visualised understanding of my exercise performance.	Could	Heat Map

StoryID	User	Story/Scenario	MoSCoW Priority	Issue Type
OUT_14	Athlete	As an athlete, I want to receive notifications on my watch whenever my coach releases a workout task to me, so that I will not miss any workout task assigned to me.	Could	Notification
OUT_15	Athlete	As an athlete, I want to change the status (In Progress, Pause & Done) of my workout session, so that my workout session status can be checked by my coach (No Need to Upload Pause Status).	Could	Workout Status
OUT_16	Athlete	As an athlete, I want to manage the configurations of my Garmin account, so that I can manage where my data is being collected and other preferences.	Should	Settings
OUT_17	Athlete	As an athlete, I want to chat (Voice / Message) with my coach and friends on Garmin, so that I can exchange workout experiences with them.	Could	Social (Chat)
OUT_18	Athlete	As an athlete, I want to report any mistakes (Duplicate/Wrong data) about my workout session, so that I can get them corrected or deleted.	Should	Handle Data Error
OUT_19	Coach	As a coach, I want to report any mistake (Duplicate/Wrong data) about the Athlete's workout data, so that I can get them corrected or deleted.	Should	Handle Data Error
OUT_20	Coach	As a coach, I want to design and save a new workout template, so when I have a new athlete, so that I can send her the workout template I have set up.	Could	Workout Task Template
OUT_21	Coach	As a coach, I want to log in to my Garmin account, so that I can access and manage my athlete workout sessions from all my devices.	Must	Login
OUT_22	Coach	As a coach, I want to connect the workout Dashboard Application with the Garmin API, so that Garmin can help me integrate my athlete workout data.	Must	API Connection
OUT_23	Coach	As a coach, I want to release workout tasks from the dashboard to my Athletes, so that athletes can manage to start their workout.	Must	Create
OUT_24	Coach	As a coach, I want to manage the configurations of my Garmin account, so that I can manage which data is being collected and other preferences.	Should	Settings
OUT_25	Coach	As a coach, I want to view the real-time data of all my Athletes, so that I can easily track their progress.	Must	Synchronisation
OUT_26	Coach	As a coach, I want to receive notifications on the Dashboard whenever my Athlete starts or finish their workout task so that I can update their training plan on time.	Could	Notification
OUT_27	Coach	As a coach, I want to share or comment (maybe like a workout session) on my Athlete's workout sessions, so that I can better motivate them.	Could	Social
OUT_28	Coach	As a coach, I want to view the Heat Map of Athlete's workout sessions, so then I can gain a visualised understanding of their exercise performance.	Could	Heat Map
OUT_29	Administrator	As an administrator, I want to resolve any mistake (Duplicate/Wrong data) reported by Athletes and Coaches, so that I can get them corrected on time.	Should	Handle Data Error

Version 1.0 – User Story Table

We add a **"Requirement Type"** Column to summarise what function/features are required by the user, to achieve the goal of their story. And Story 08 & 16 is emphasised as 'needed' by our client during the client meeting, so we keep the **"Heat Map"** requirements as In-Scope of our project. Similarly, the story 07 & 15 is mentioned by @Eduardo Araujo Oliveira during the supervisor meeting, so we also keep these two **"Social"** requirements as In-Scope of our project. However, we may make exclusion when scope change occurs.

In Scope

The Garmin API project will focus on how Users' data from its workout sessions is being synchronised between devices and dashboards through the Garmin API.

StoryID	User	Story/Scenario	MoSCoW Priority	Requirement Type
01	Athlete	As an athlete, I want to log in to my Garmin account, so that I can access and manage my workouts from all my devices.	Must	Login
02	Athlete	As an athlete, I want to manage the configurations of my Garmin account, so that I can manage where my data is being collected and other preferences.	Should	Settings
03	Athlete	As an athlete, I want to connect the workout Dashboard Application with the Garmin API, so that Garmin can help me integrate my workout data.	Must	API Connection
04	Athlete	As an athlete, I want to view my workout data on all my devices (Wearable Devices & Dashboard Applications), so that I can easily track my workout progress.	Must	Synchronisation
05	Athlete	As an athlete, I want to change the status (In Progress, Pause & Done) of my workout session, so that my workout session status can be checked by my coach (No Need to Upload Pause Status).	Could	Workout Status
06	Athlete	As an athlete, I want to receive notifications on my watch whenever my coach releases a workout task to me, so that I will not miss any workout task assigned to me.	Could	Notification
07	Athlete	As an athlete, I want to share or comment (maybe like a workout session) on my friend's workout session, so that I can chat and socialise with my friends.	Could	Social
08	Athlete	As an athlete, I want to view the Heat Map of my workout session, so then I can gain a visualised understanding of my exercise performance.	Could	Heat Map
09	Coach	As a coach, I want to log in to my Garmin account, so that I can access and manage my athlete workout sessions from all my devices.	Must	Login
10	Coach	As a coach, I want to connect the workout Dashboard Application with the Garmin API, so that Garmin can help me integrate my athlete workout data.	Must	API Connection
11	Coach	As a coach, I want to release workout tasks from the dashboard to my Athletes, so that athletes can manage to start their workout.	Must	Create

StoryID	User	Story/Scenario	MoSCoW Priority	Requirement Type
12	Coach	As a coach, I want to manage the configurations of my Garmin account, so that I can manage which data is being collected and other preferences.	Should	Settings
13	Coach	As a coach, I want to view the real-time data of all my Athletes, so that I can easily track their progress.	Must	Synchronisation
14	Coach	As a coach, I want to receive notifications on the Dashboard whenever my Athlete starts or finish their workout task so that I can update their training plan on time.	Could	Notification
15	Coach	As a coach, I want to share or comment (maybe like a workout session) on my Athlete's workout sessions, so that I can better motivate them.	Could	Social
16	Coach	As a coach, I want to view the Heat Map of Athlete's workout sessions, so then I can gain a visualised understanding of their exercise performance.	Could	Heat Map

Out Scope

Our Garmin API project will not be working on adding new features such as instant messaging or adding workout templates.

StoryID	User	Story/Scenario	MoSCoW Priority	Requirement Type
OUT_01	Athlete	As an athlete, I want to chat (Voice all/message) with my coach and friends on Garmin, so that I can exchange workout experiences with them.	Could	Social (Chat)
OUT_02	Athlete	As an athlete, I want to report any mistakes (Duplicate/Wrong data) about my workout session, so that I can get them corrected or deleted.	Should	Handle Data Error
OUT_03	Coach	As a coach, I want to report any mistake (Duplicate/Wrong data) about the Athlete's workout data, so that I can get them corrected or deleted.	Should	Handle Data Error
OUT_04	Coach	As a coach, I want to design and save a new workout template, so when I have a new athlete, so that I can send her the workout template I have set up.	Could	Workout Task Template
OUT_05	Administrator	As an administrator, I want to resolve any mistake (Duplicate/Wrong data) reported by Athletes and Coaches, so that I can get them corrected on time.	Should	Handle Data Error