User Story ID	User Story	Backlogs					
		Backog ID	Acceptance Criteria	Priority	Dev Days	Phase	Process
1	Log Tracker: User logs the Tracker into App			Total Dev Days	11.5	Completion Rates	50.00%
1-1	As a user I want to have a nice item logging user interface, so that I can easily log items in App.	1-1-1	Log item user interface should be simple, clear and easy to navigate.	Must	2	MVP	Done
1-2	As a user I want to add a picture of the item as a reminder of what it looks like.	1-2-1	User can decide to use a picture from the camera rolls or take a new picture of the item	Must	2	MVP	Todo
		1-2-2	User can take a picture of their item within App.	Must	1	MVP	Todo
		1-2-3	User can decide to retake the picture if the photo is not good enough.	Must	0.5	MVP	Todo
		1-2-4	App can store the picture in the mobile.	Must	0.5	MVP	Todo
		1-2-5	User can choose a photo from the album.	Must	0.5	MVP	Done
		1-2-6	User can choose to skip adding a picture.	Must	0.5	Final	Done
1-3	As a user I want to name my item, so that I'll know what the item is if I don't want to take a picture of it.	1-3-1	User can add the item's name.	Should	0.5	MVP	Done
		1-3-2	App can store the item's name.	Must	0.5	MVP	Done
1-4	As a user I want the app to tell me if my inputs are correct automatically, so that I don't need to revise them.	1-4-1	App should validate the item inputs.	Should	0.5	Final	Done
1-5	As a user I want to know app can actually detect the tracker, so that I will feel safer that it actually works.	1-5-1	App should send a request to register Tracker.	Must	1	MVP	Todo
		1-5-2	Tracker should receive request and register App.	Must	1	MVP	Todo
		1-5-3	App should be able to store Tracker data.	Must	0.5	MVP	Done
		1-5-4	App should activate Tracker and make it send the location to App.	Must	0.5	MVP	Todo
2	Monitor Tracker: App listens to the signal of Tracker			Total Dev Days	22	Completion Rates	0.00%
2-1	As a user I want the app to track the item's location all the time, so that I have a record of its location once it's lost.	2-1-1	App listens for signal at regular intervals.	Must	3	MVP	Todo
		2-1-2	Tracker send position data to App at regular intervals.	Must	3	MVP	Todo
		2-1-3	App saves the history of the position of Tracker at regular intervals.	Must	1	MVP	Todo
		2-1-4	App should be able to upload the history of the Tracker's position to server at regular intervals.	Must	1	MVP	Todo
2-2	As a user I want the tracker to send the accurate location data to app, so that I can find it easily if it's correct..	2-2-1	Tracker uses bluetooth mode while close to User.	Must	7	Final	Todo
		2-2-2	Tracker uses cellular mode while is far from User.	Must	7	Final	Todo
3	Track Item: User uses App to see the tracking list and track Item.			Total Dev Days	29.5	Completion Rates	50.00%
3-1	As a user I want to view the tracking item list, so that I can view my item and look up more detail if I want.	3-1-1	Item list user interface should be simple, clear and easy to navigate.	Must	2	MVP	Done
		3-1-2	App should get item data from mobile database	Must	1	MVP	Done
		3-1-3	App should fetch lastest locations of all the tracking items when User visit item list page.	Should	1	MVP	Todo
		3-1-4	App should display if any of Items is lost clearly.	Must	2	MVP	In Progress
3-2	As a user I want to activate or deactivate Tracker, so that I can save my mobile and the tracker's batteries.	3-2-1	User should be able to activate/deactivate Tracker to stop tracking.	Should	2	Final	Todo
3-3	As a user I want to see the location history in a map format of the item, so that I can track/look for it if it's lost.	3-3-1	Item history user interface should be simple, clear and easy to navigate.	Must	2	MVP	Done
		3-3-2	User should be able to navigate from item list to the item history.	Must	0.5	MVP	Deprecated
		3-3-3	App should display the Item and User's location in a map format.	Should	4	Final	Done
		3-3-4	User should be able to see Item's location on the map in at different time.	Should	2	Final	Done
3-4	As a user I want to navigate me to my item, so that find it quicker.	3-4-1	App should link to Apple Map to navigate User to Item's last location.	Should	3	Final	Done
		3-4-2	App should link to Google Map App to navigate User to Item's last location.	Should	1	Final	Todo
		3-4-3	App could point in direction of item using a compass and distance in meters for close range situations in which the item isn't clearly visible.	Could	2	Final	Todo
3-5	As a user I want to edit my item detail, so that I can change the tracking item.	3-5-1	User can rename item.	Should	1	Final	Done
		3-5-2	User can retake the photo of the item.	Should	1	Final	Done
	As a user I want to delete the item, so	3-6-1	User can delete the item.	Should	1	Final	Todo

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3-6	As a user I want to delete the item, so that I can stop tracking the item for good.	3-6-2	App should delete all the data related to the item.	Should	2	Final	Todo
		3-6-3	App should deactivate the Tracker.	Should	2	Final	Todo
4	Notification: User should receive notification if the item is lost			Total Dev Days	4	Completion Rates	0.00%
4-1	As a user I want to get notification if the item is far from me, so that I can retrieve before it's taken by someone else.	4-1-1	App should activate the OS notification function while it detects Item is too far. The default "too far" definition is 10 meters away.	Must	3	MVP	Todo
		4-1-2	Notification should be able to link to App.	Should	1	Final	Todo
5	Onboarding: User registers/logins a passowrd for logining the app			Total Dev Days	14.5	Completion Rates	88.89%
5-1	As a user I want to set password for the app, so that others can't see where's my item.	5-1-1	Password register user interface should be simple, clear and easy to navigate.	Must	2	MVP	Done
		5-1-2	User can register 4-digit password in App	Should	3	Final	Done
		5-1-3	User can use Touch-ID as login method.	Should	1	Final	Done
5-2	As a user I want to reset my password, so that I can prevent if someone has seen my password.	5-2-1	Setting page user interface should be simple, clear and easy to navigate.	Must	1	MVP	Done
		5-2-2	User should be able to reset the password in Setting page.	Should	3	Final	Done
5-3	As a user I want to turn off password, so that I can login quicker.	5-3-1	User can turn off password protecting feature in Setting page.	Should	1	Final	Todo
5-4	As a user I want to access the app, so that I can use it.	5-5-1	User can use 4-digit or Touch-ID as input to login.	Should	2	Final	Done
		5-5-2	App prevents User from accessing App if the login authenfication fail.	Should	0.5	Final	Done
		5-5-3	App redirect to item list if the login authenfication succeed.	Should	1	Final	Done
6	Physical Tracker			Total Dev Days	13	Completion Rates	0.00%
6.1	As a user I want to make sure that the actual hardware is working as expected	6-1-1	User should be able to switch on and off the tracker	Must	1	Final	Todo
		6-1-2	The tracker must always work when is switch on	Must	1	Final	Todo
		6-1-3	The tracker should locate itself and send the location in the Amazon Cloud Server	Must	1	Final	Todo
6.2	As a user I want that the battery to last enough long	6-2-1	The battery should to last for at least one day	Should	1	Final	Todo
		6-2-2	User should be able to charge the battery	Should	2	Final	Todo
		6-2-3	Users should be able to change the battery if it breaks	Should	2	Final	Todo
6.3	As a user I want that my tracker does not brake if I drop it.	6-3-1	The case should be break resistant and shoud not break if it drops from a meter high	Should	2	Final	Todo
		6-3-2	The case should be made with environmental harmless materials	Should	3	Final	Todo
7	Data Security			Total Dev Days	3	Completion Rates	0.00%
7.1	As a user I want that sensitive data is kept restricted to authorized to access it.	7-1-1	Specify which data produced by the system is to be considered sensitive	Should	3	Final	Todo