



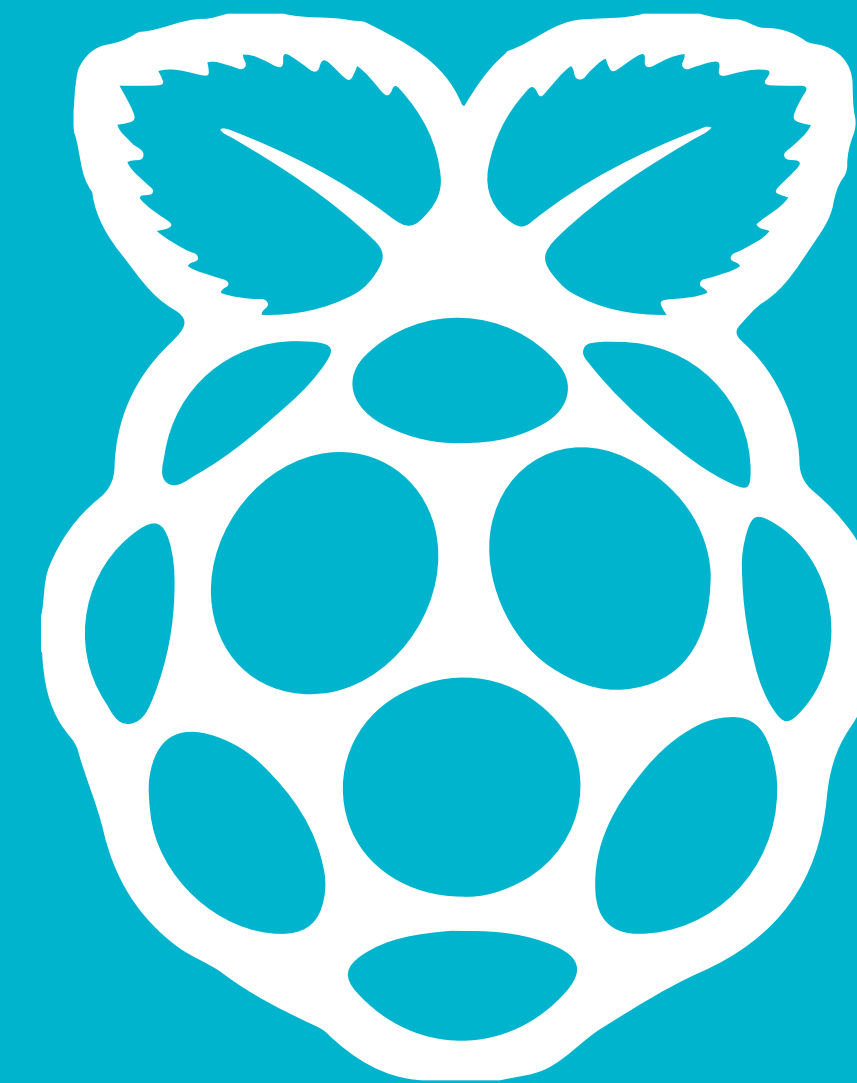
iLost

Never lose your item again.

Group E

Ahmed, Muhammad, Chowdhury, Thairan, Davies Minta, Fakrul, Mahmudul Farkhani, Hussein, Jheng-Hao Lin, Pecorella, Mariano

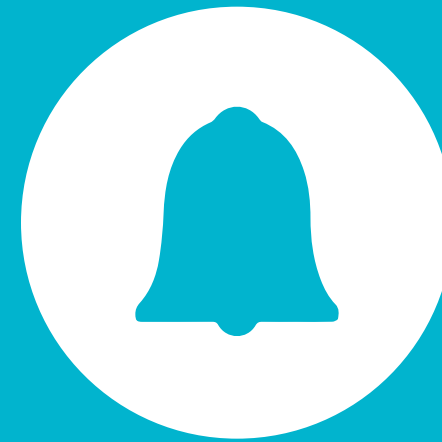
Motivation



Objectives



Attach Tracker



Get a reminder



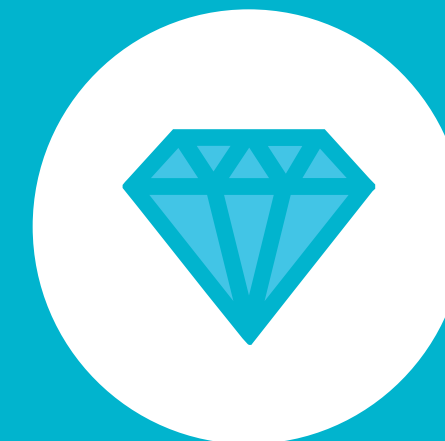
Track Item



Unlimited Range



Long Battery Life



Durable

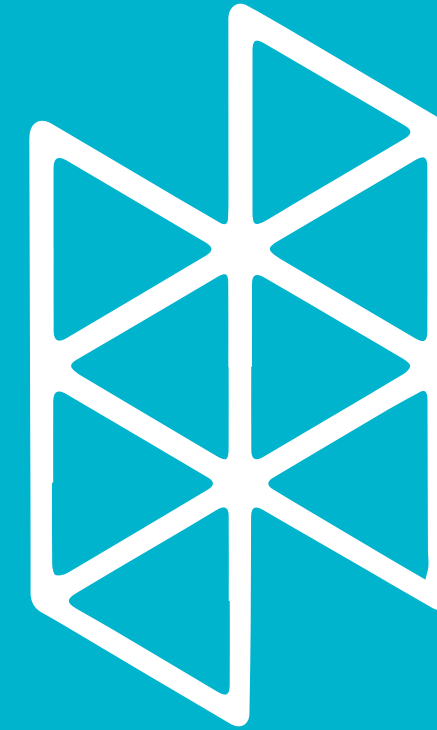
Design



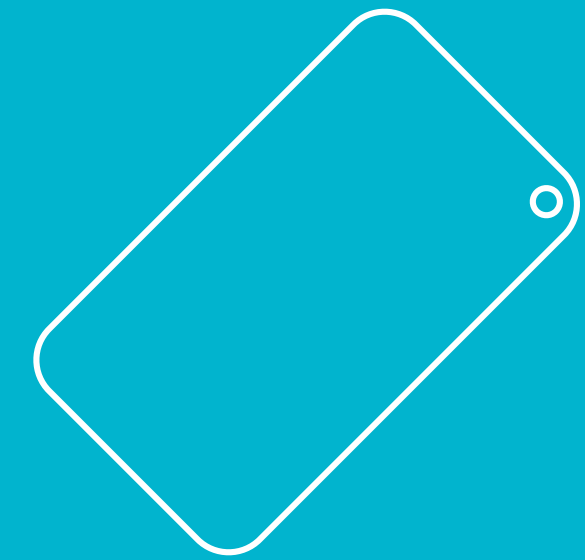
Mobile App
iOS / Android



Amazon S3 Servers

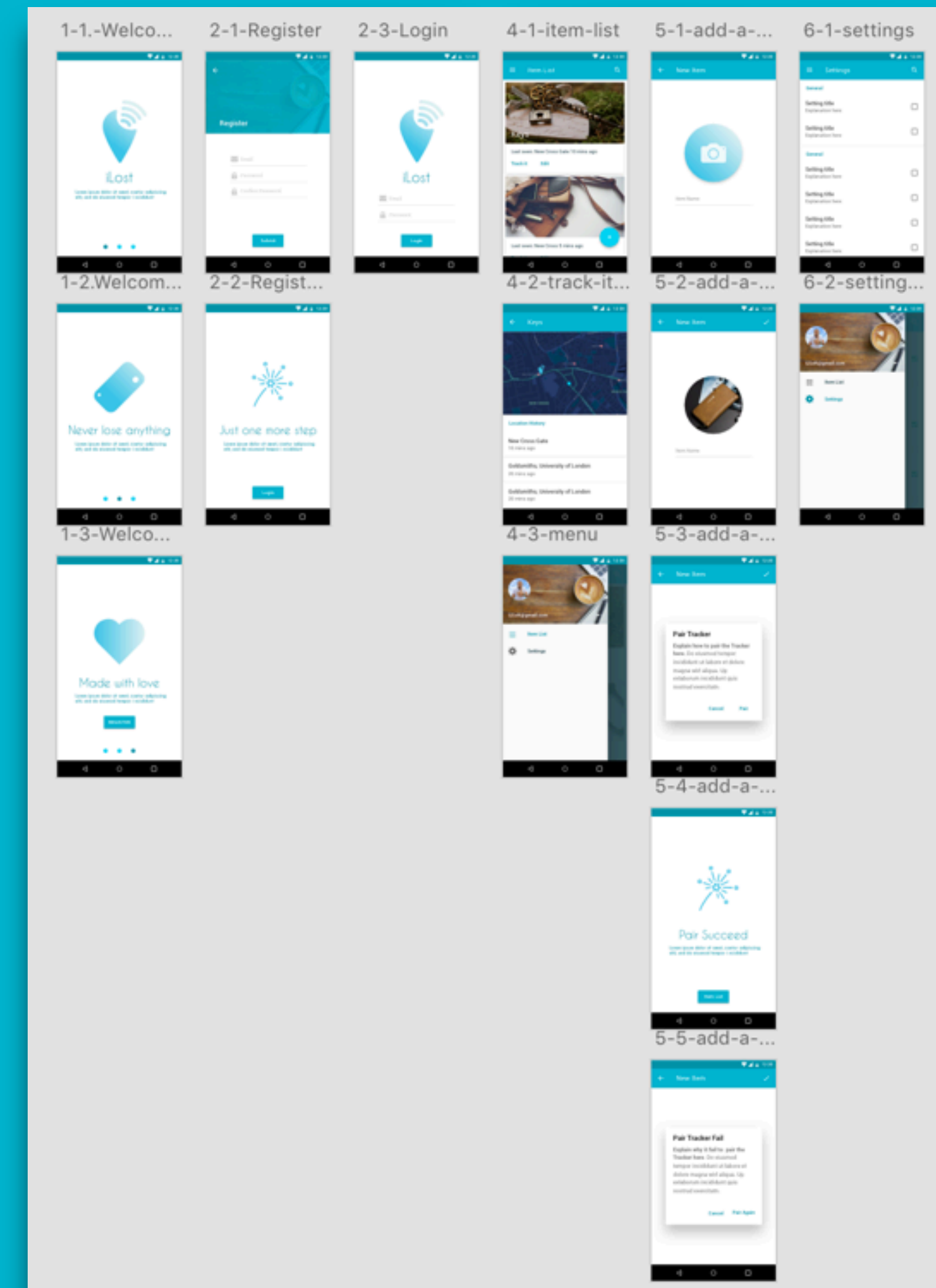
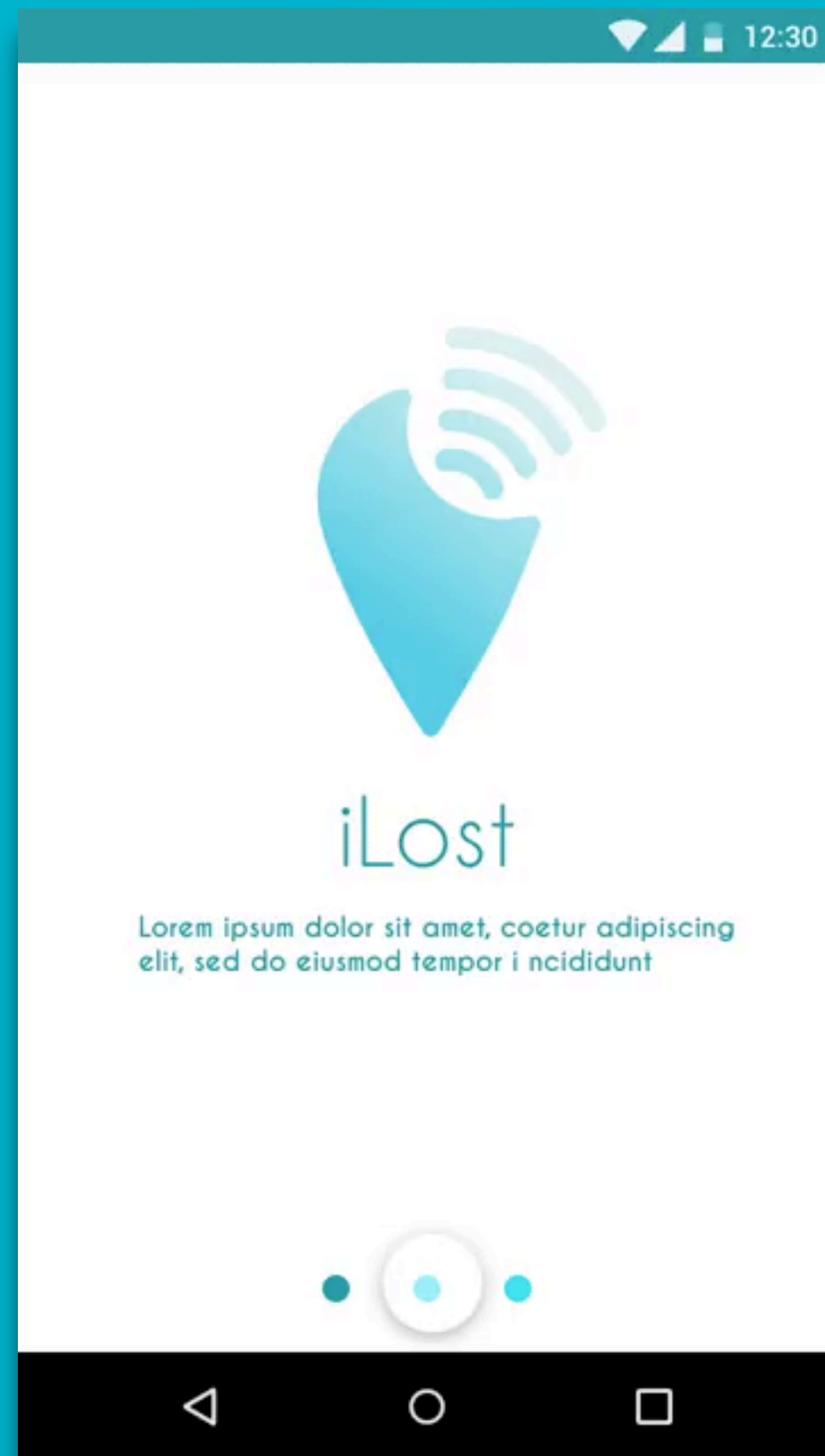


Hologram Cloud

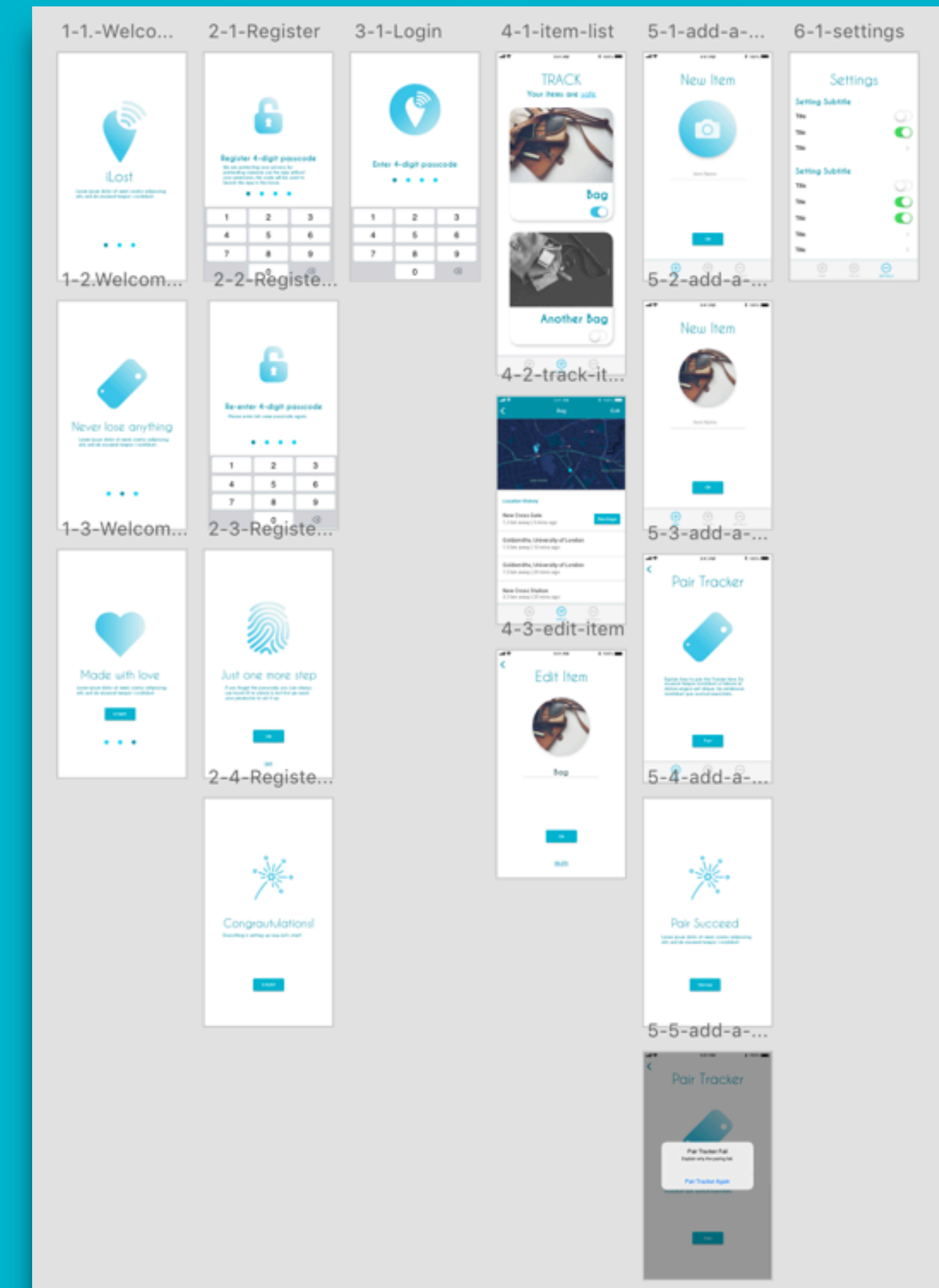
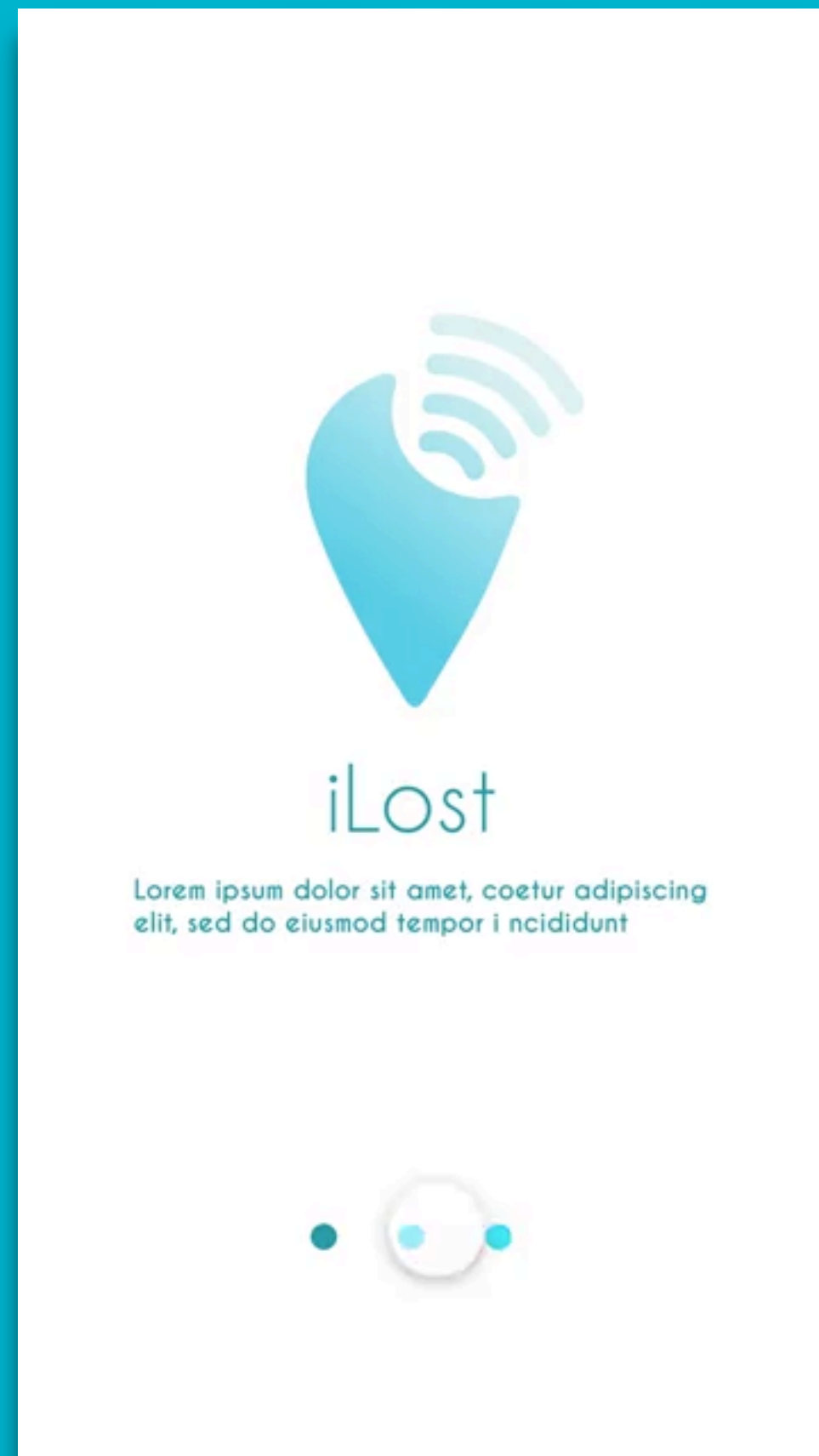


Tracker

Android App UI



iOS App UI

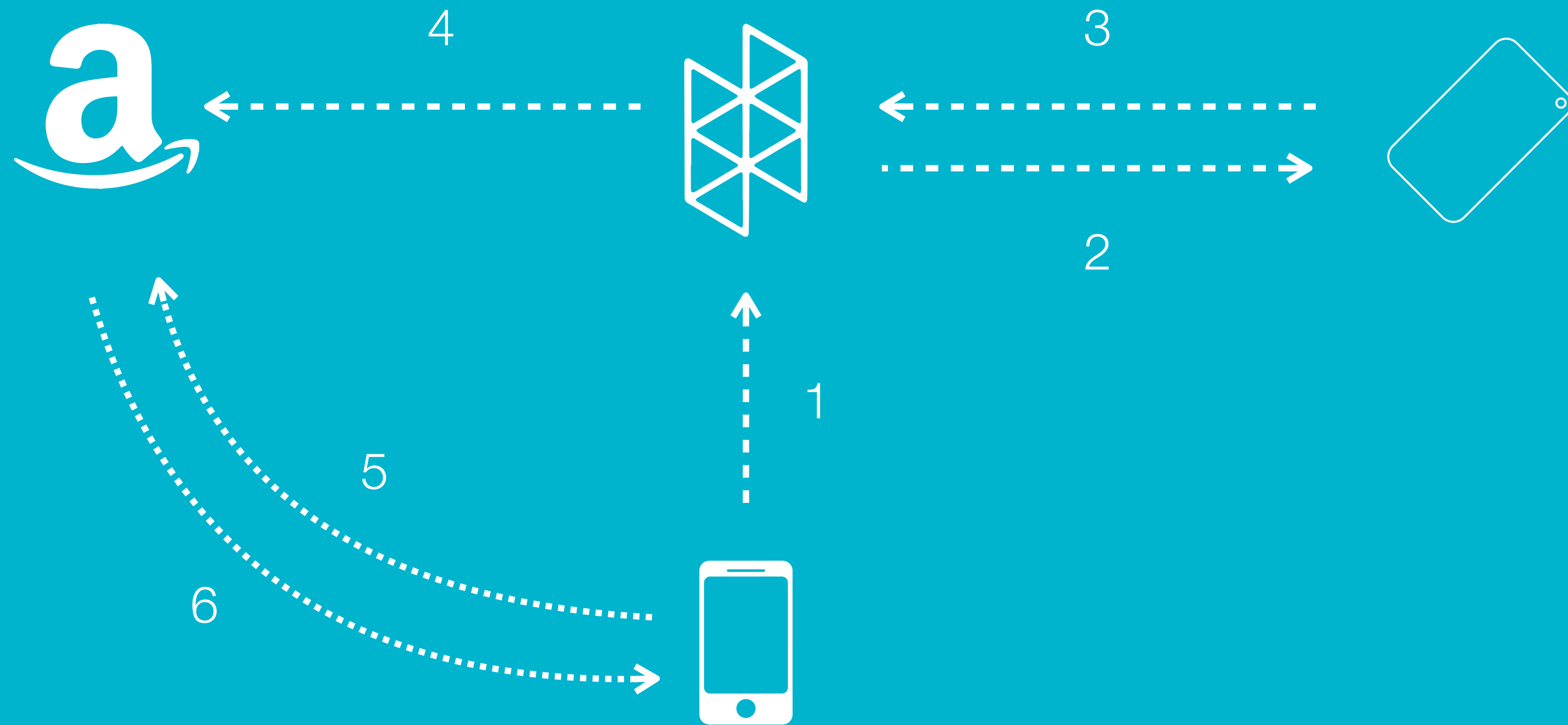


Amazon S3 Servers

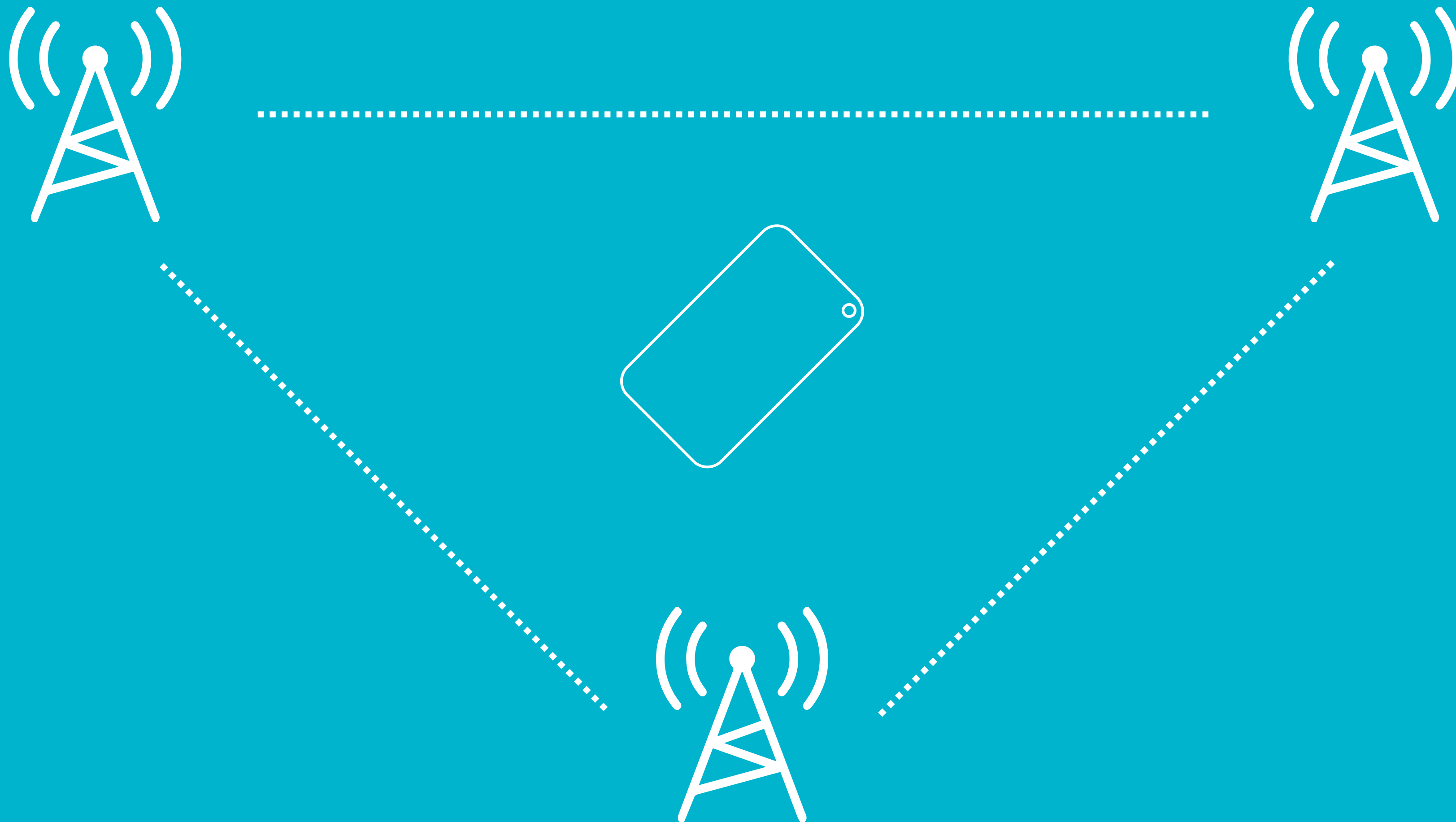


AES-256

Hologram Cloud



Tracker



Development - Backlogs & User Stories

User Story ID	User Story	Task ID	Acceptance Criteria	Priority	Dev Duration (d)	Sprint	Phase	Process
1	Log Tracker: User logs the Tracker into App				11			
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	1,2	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 take a picture of their item within App.	Must	2	3,4	MVP	In Progress
		1-2-2	User can decide to use the taken picture or retake the picture.	Must	1	5	MVP	Done
		1-2-3	User can decide to retake the picture if the photo is not good enough.	Must	0.5	6	MVP	In Progress
		1-2-4	App can store the picture in the mobile.	Must	0.5	6	MVP	In Progress
		1-2-5	User can choose to skip adding a picture.	Must	0.5	-	Final	Todo
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	7	MVP	In Progress
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	In Progress
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	13	MVP	Todo
		1-5-2	Tracker should receive request and register App.	Must	1	14	MVP	Todo
		1-5-3	App should be able to store Tracker data.	Must	0.5	15	MVP	Todo
		1-5-4	App should activate Tracker and make it send the location to App.	Must	0.5	15	MVP	Todo

Development - Agile Development

	START	END	Dylan	Marian	Mifuad	Hussein	Thairan	Jheng-Hao		
Monday	14:00	16:00	X	X	Δ	X	O	X		
Tuesday	17:00	19:00	O	O	O	O	X	O		whitehead building lab: 18:00 to 19:00
Wednesday	14:00	16:00	Δ	X	Δ	X	O	Δ		
Thursday	11:00	13:00	X	X	X	O	O	O		
Friday	17:00	19:00	O	O	O	O	X	Δ		
									Legends	Availability
									O	Sure
									Δ	Either one
									X	No

Daily Sprint for 2 hours a day

Test & Evaluation - Tracker

Objectives

Test & Evaluation - Tracker

Methodology

Test & Evaluation - Tracker

Evaluation

Test & Evaluation - Tracker

Evaluation



Thank you for your listening