



Manuela MERLO  
Riccardo INGHILLERI

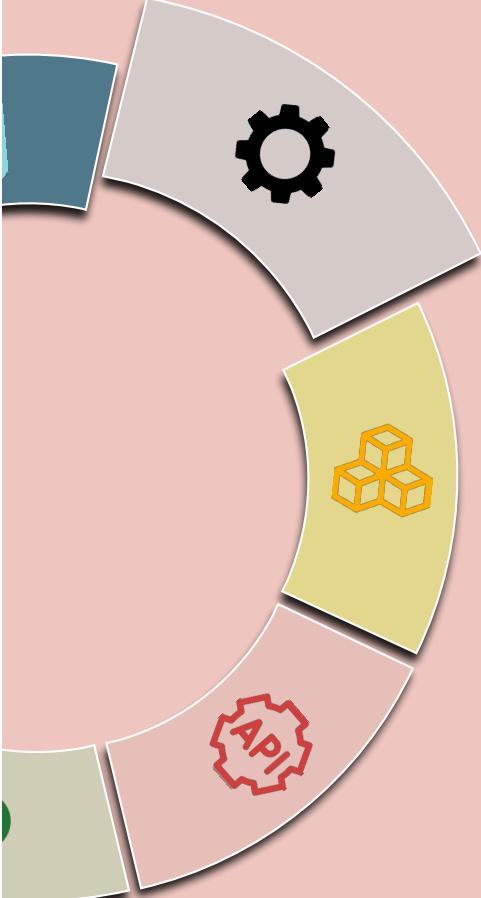
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# Habits Tracker

Professor **Luciano BARESI**

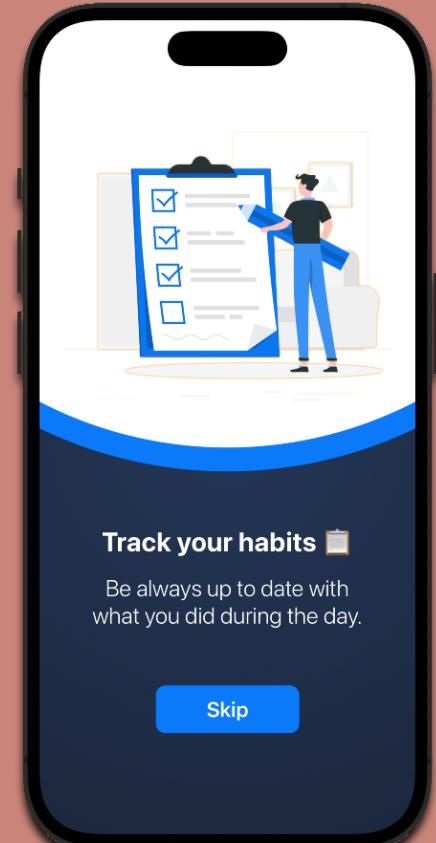
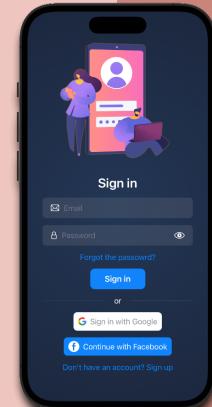
Tutor **Marco DE ROSSI**

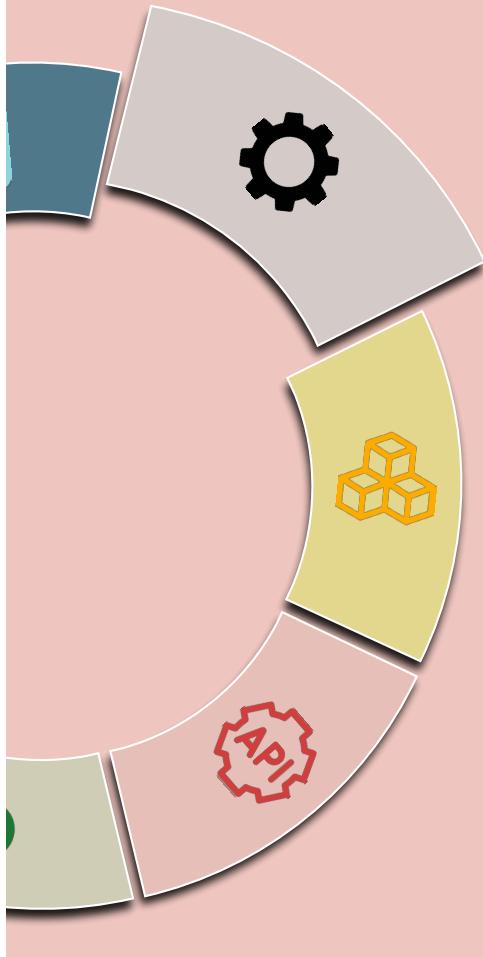




# Goal

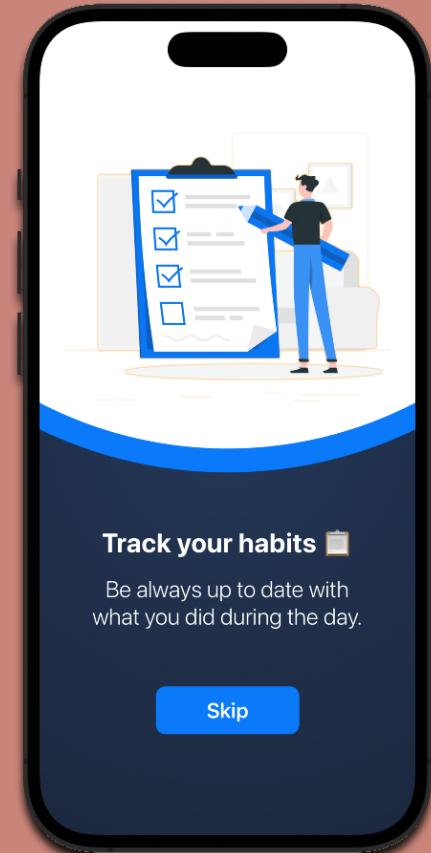
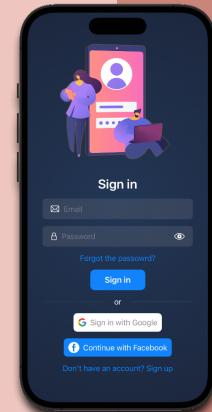
- Get a healthy daily routine
- Compete with your friends

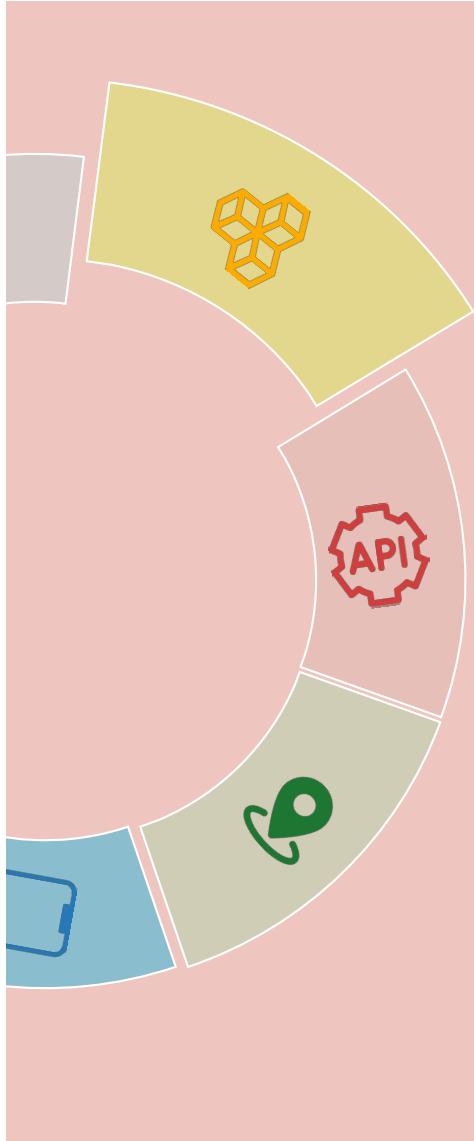




## Features

-  Multiple Sign-In
-  Profile Customisation
-  Health Data integration
-  Point System
-  Social integration
-  Notifications
-  Points of interests

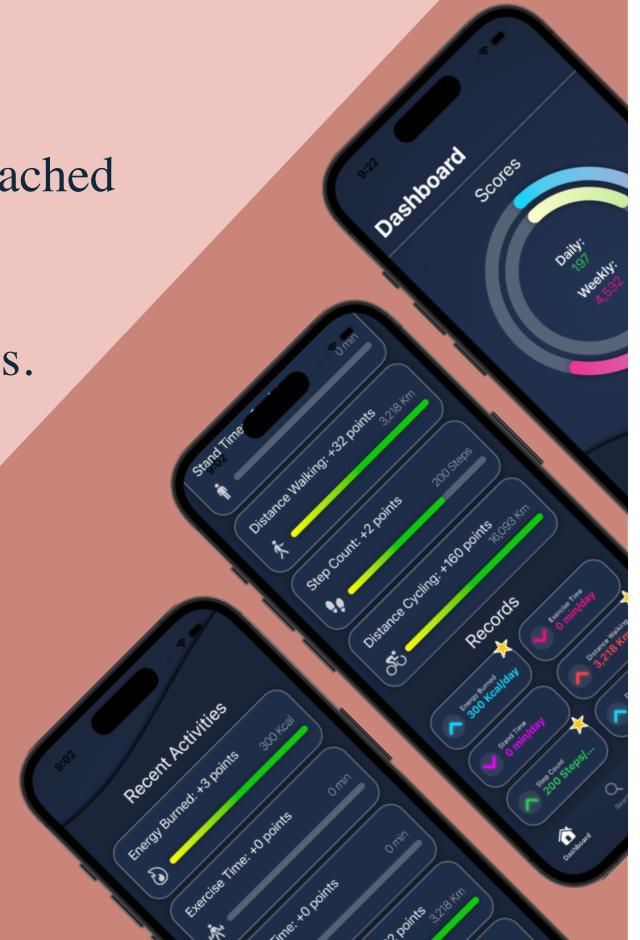




## MVVM

Components:

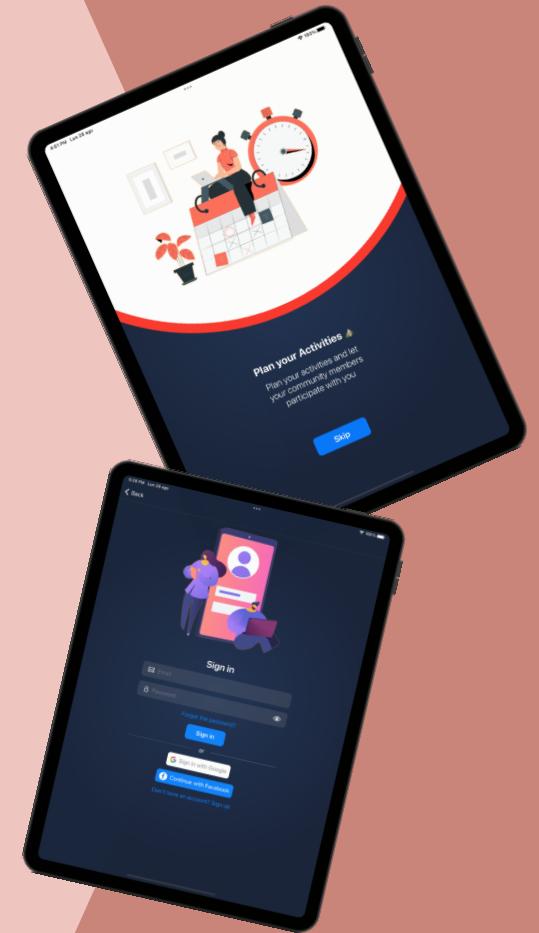
- **Model:** Houses data representation, detached from app logic.
- **View:** Renders UI elements and controls.
- **View Model:** Bridges Model and View, managing display logic.





## External Services

-  Firebase Authentication
-  Google Authentication
-  Facebook Authentication
-  Firestore
-  Firebase Storage
-  Healthkit
-  Mapkit



# Device Services



Notifications



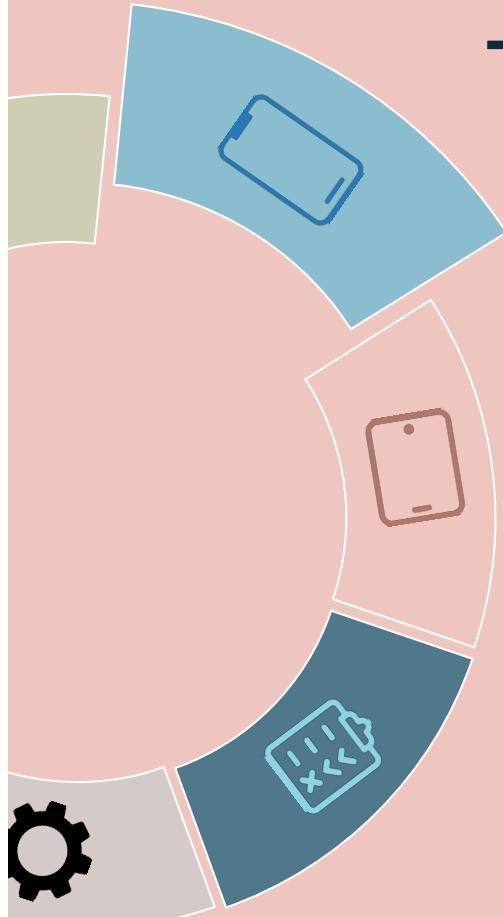
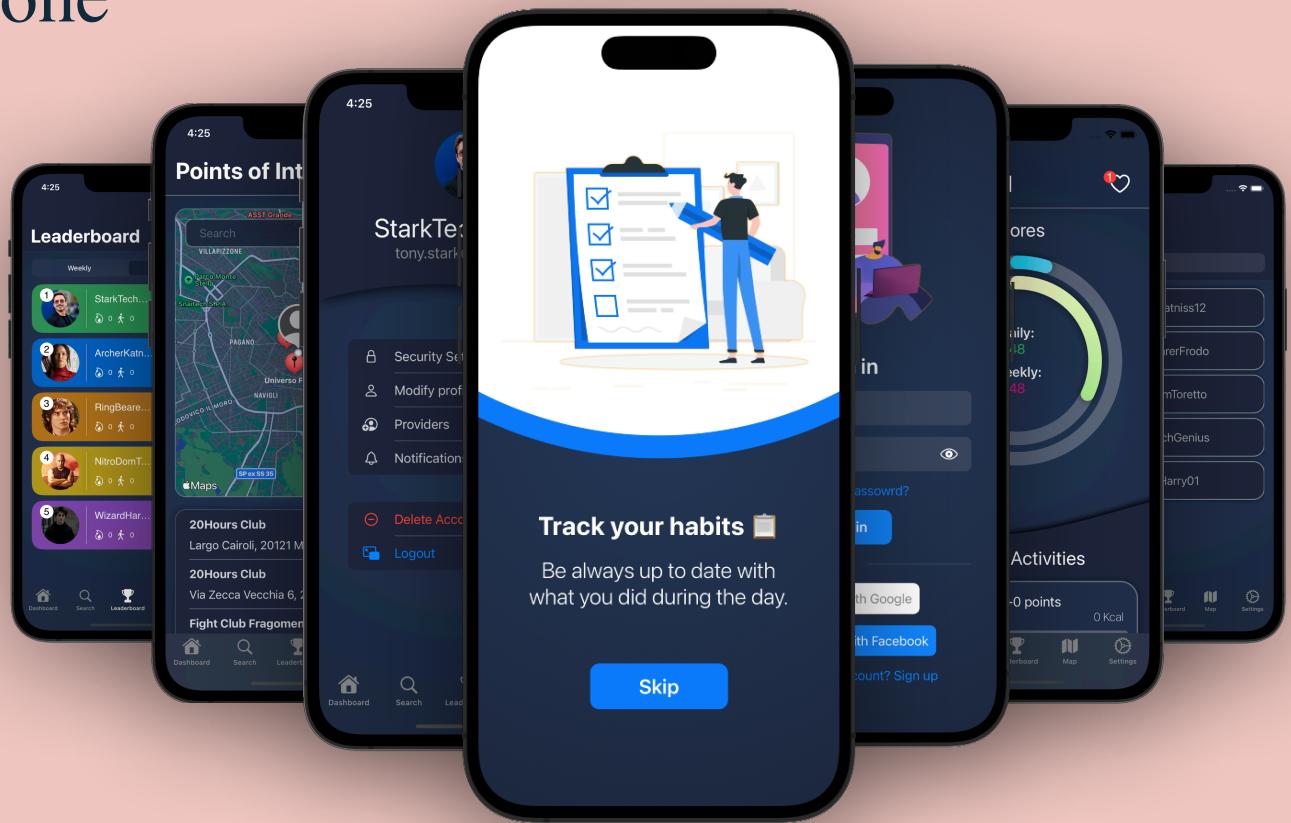
Geo-Localizations



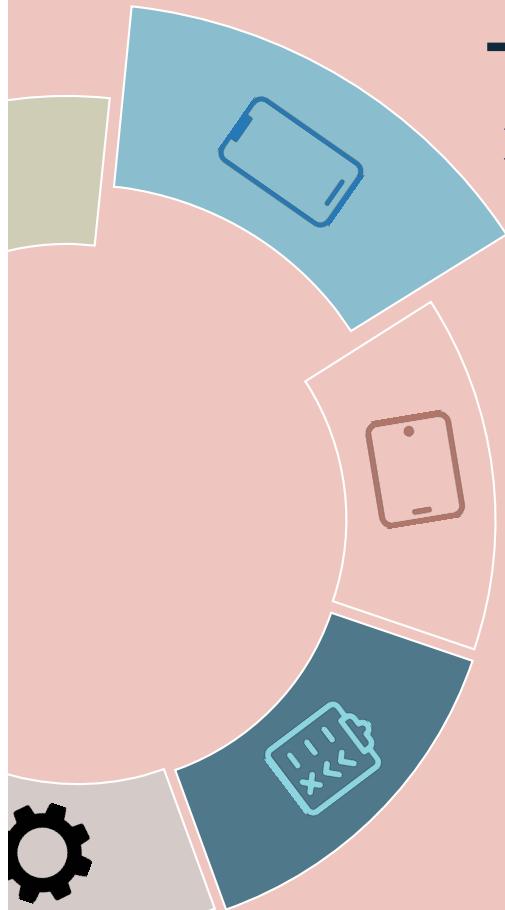
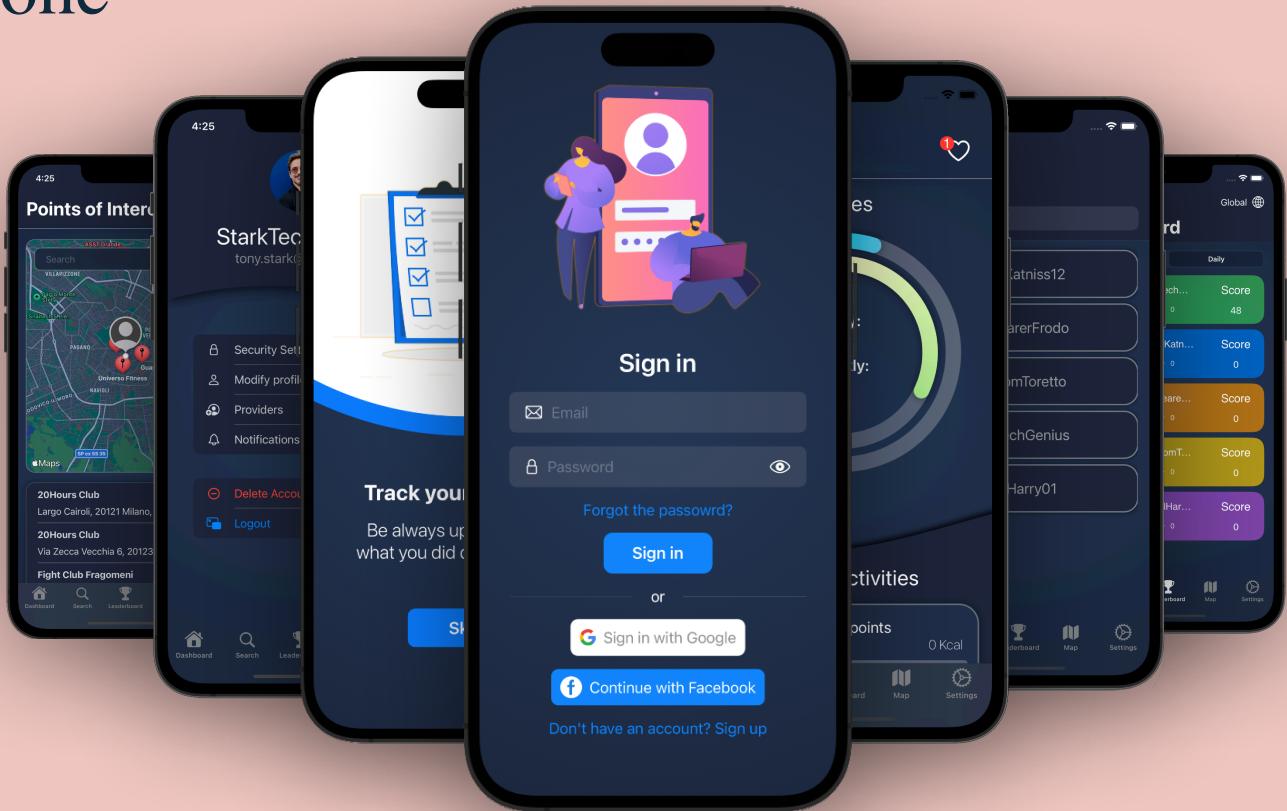
Connectivity



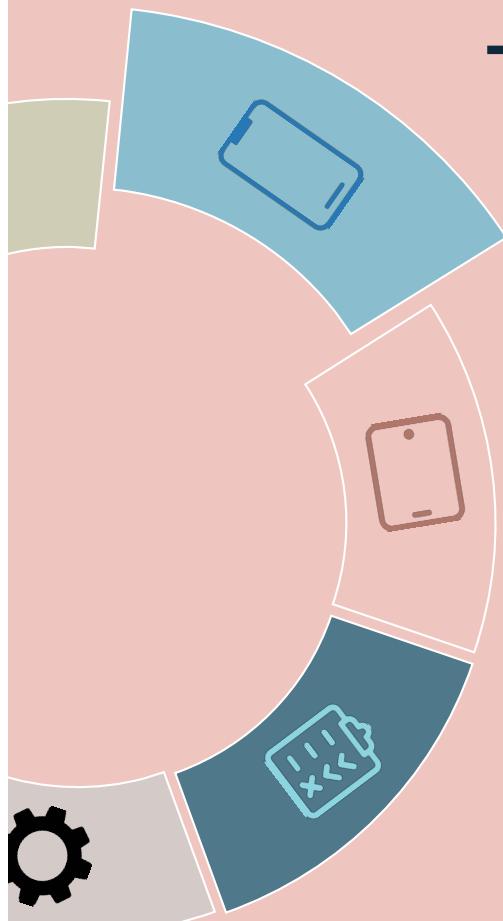
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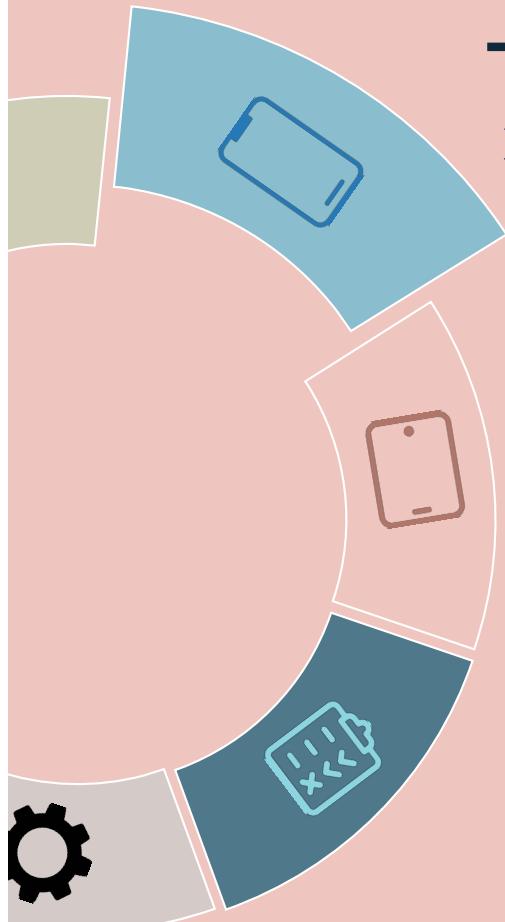
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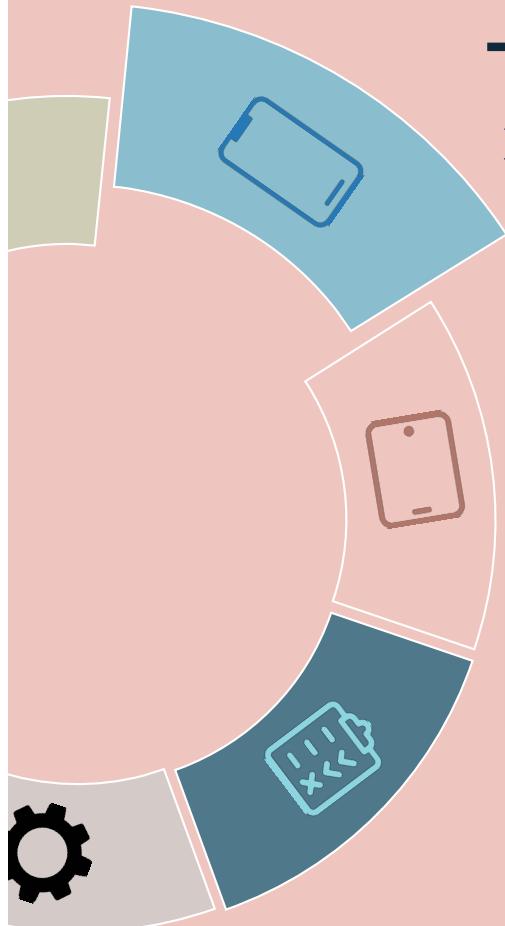
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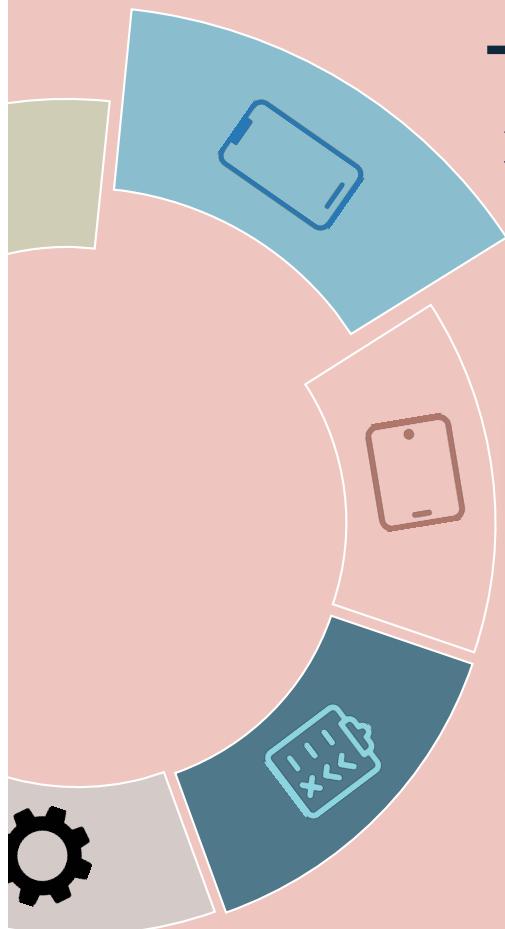
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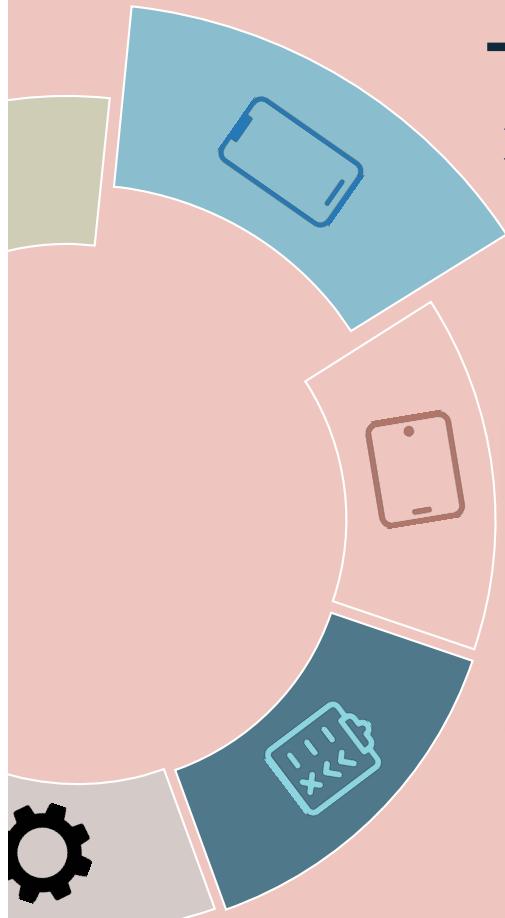
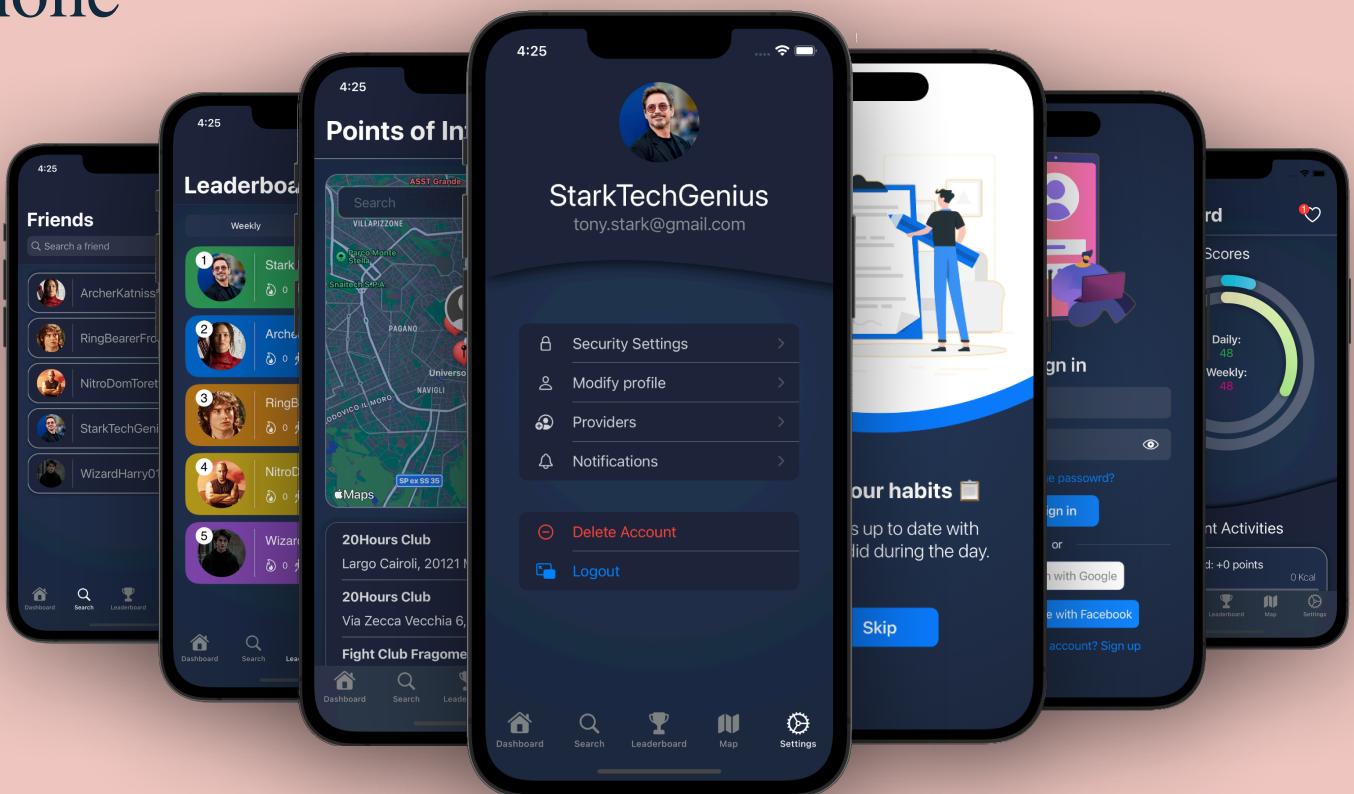
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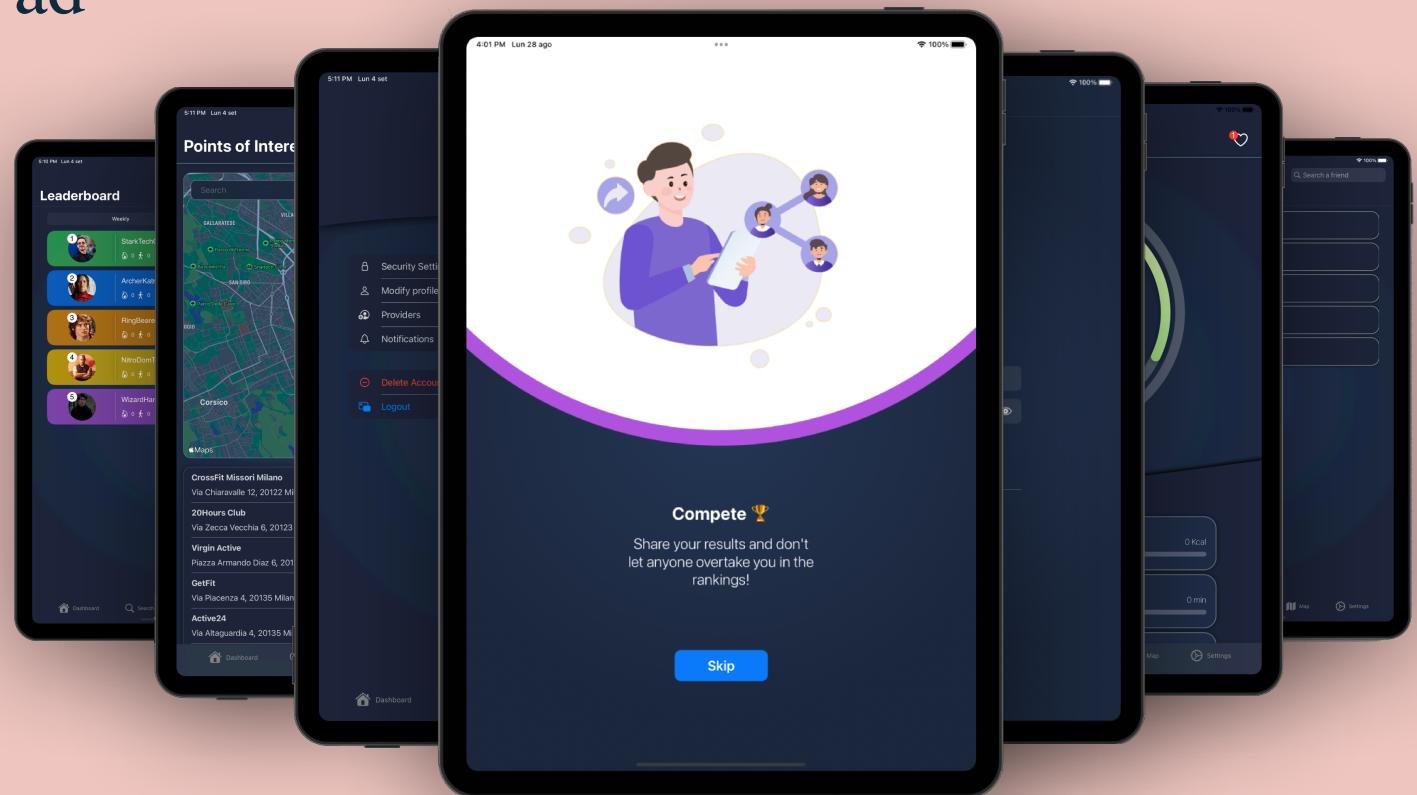
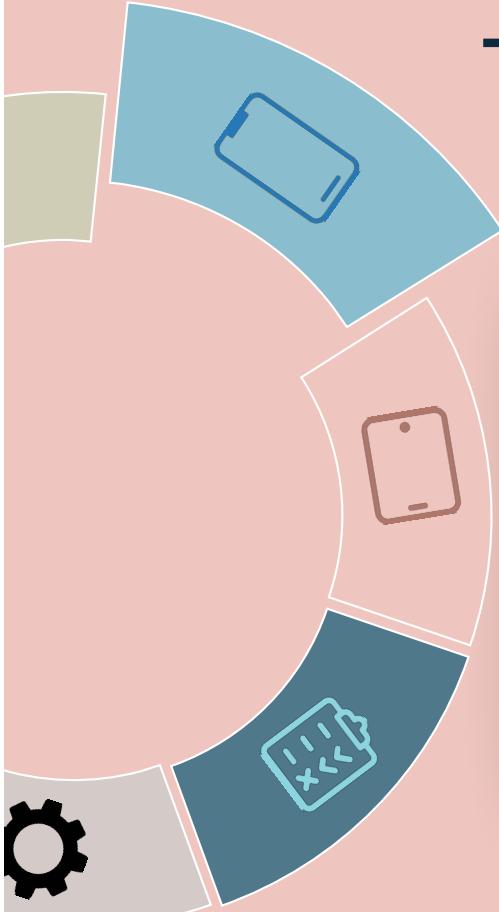
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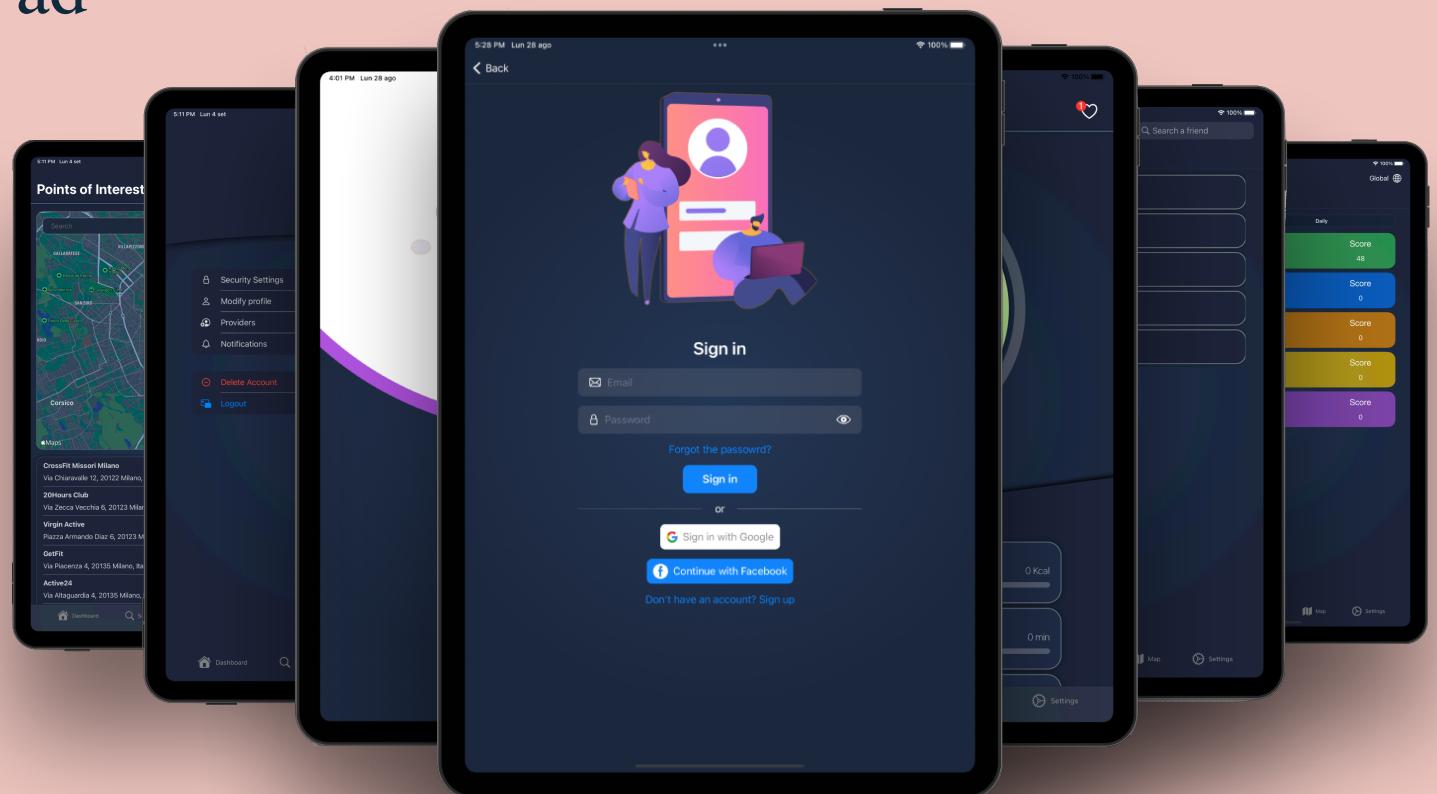
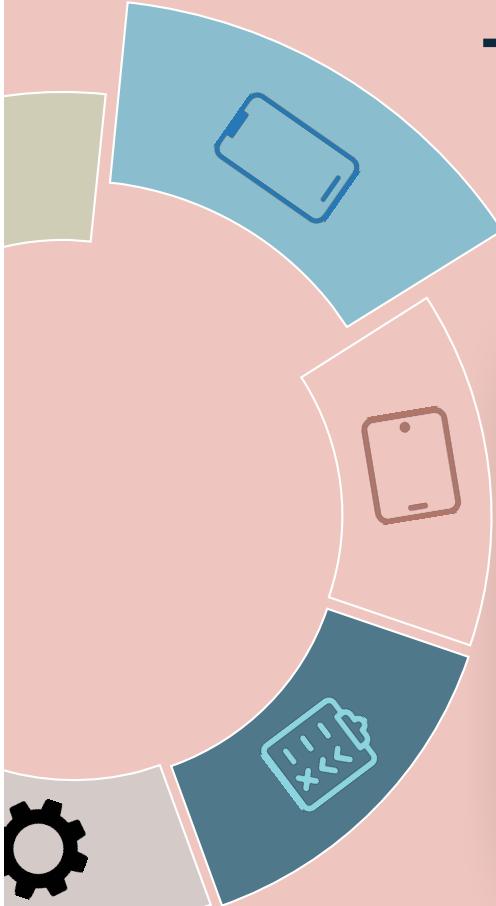
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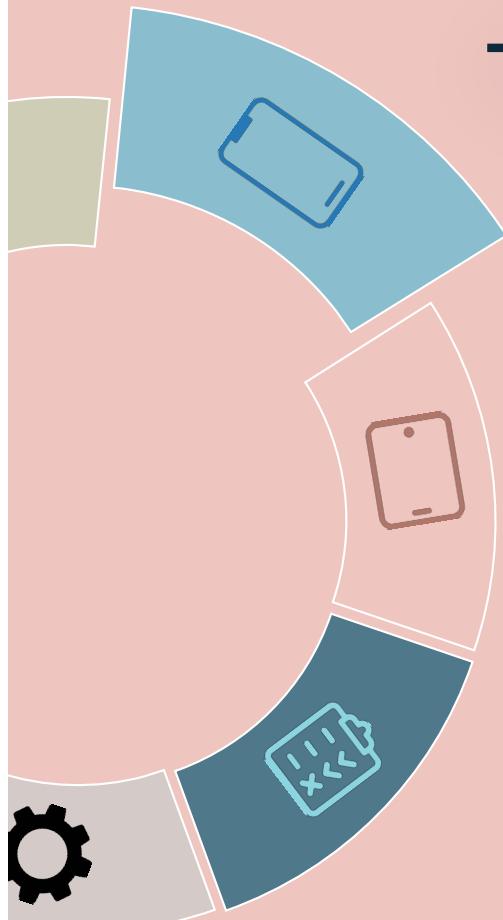
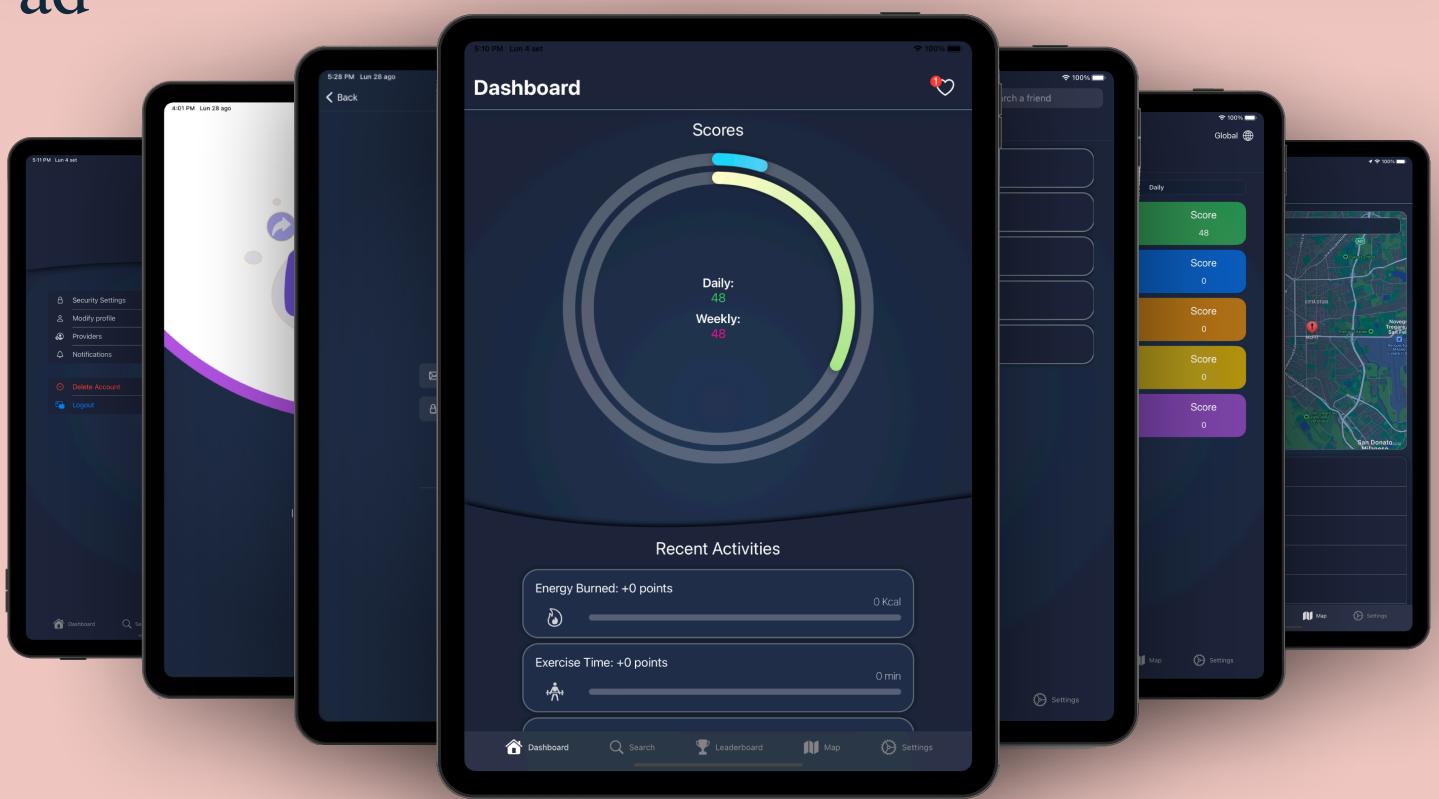
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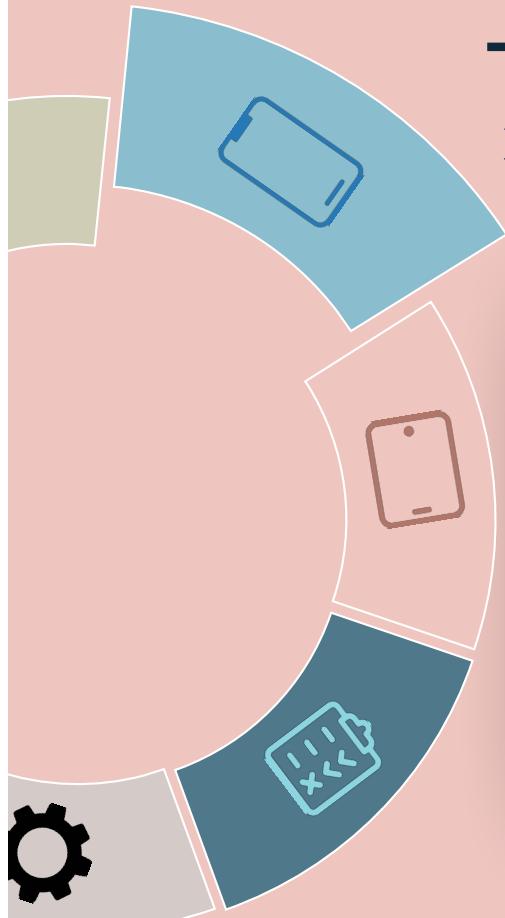
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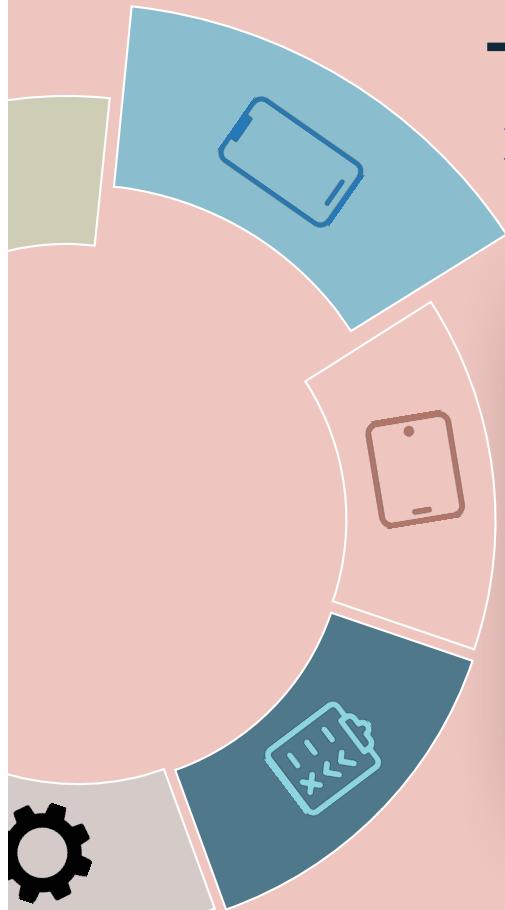
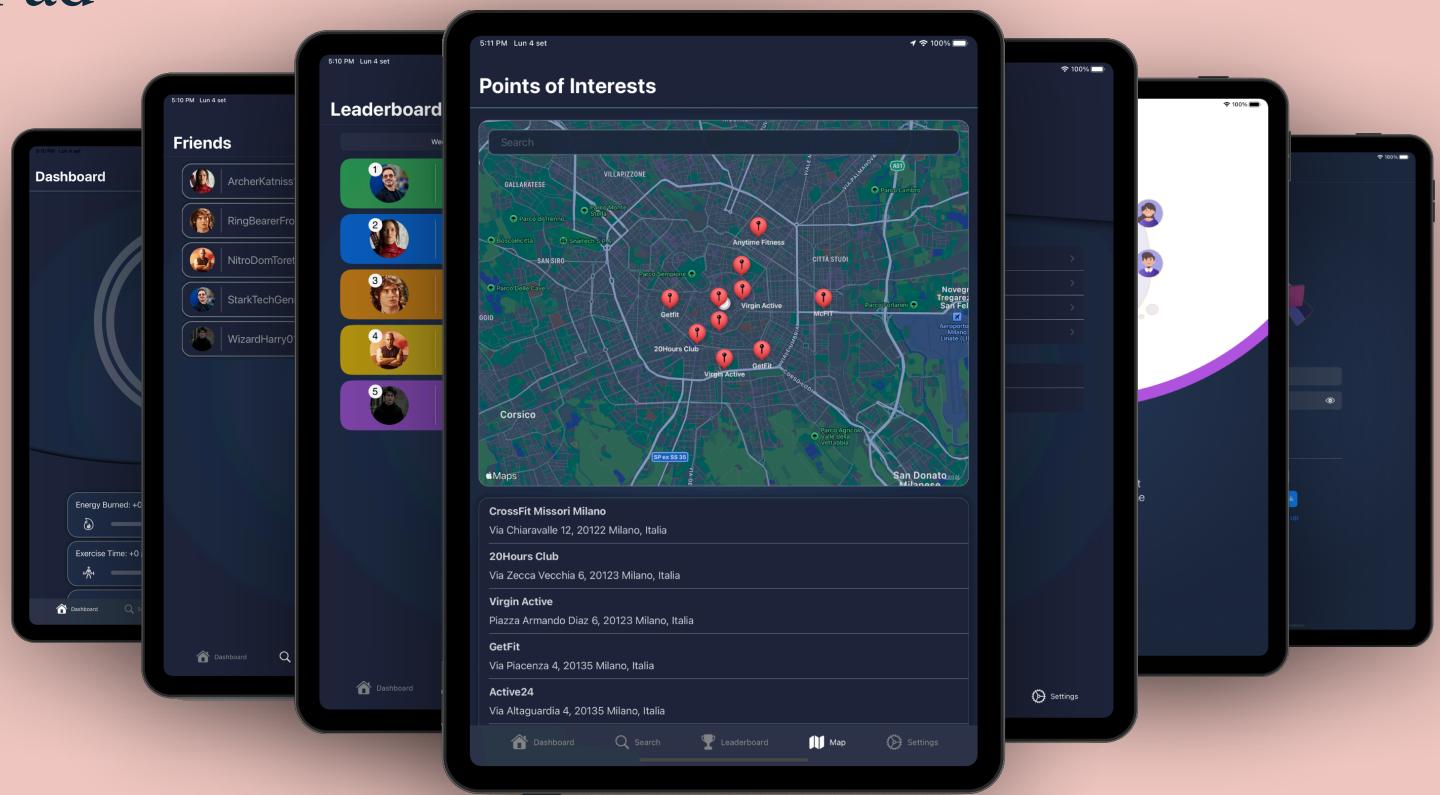
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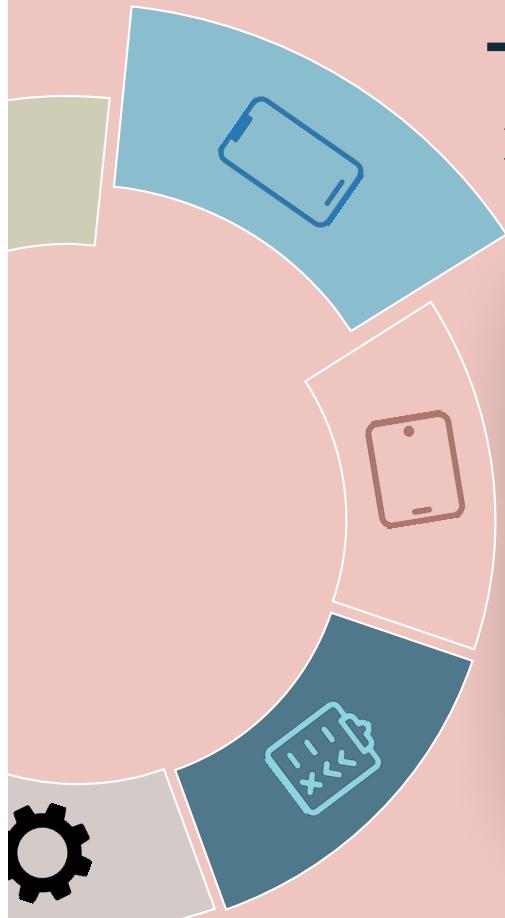
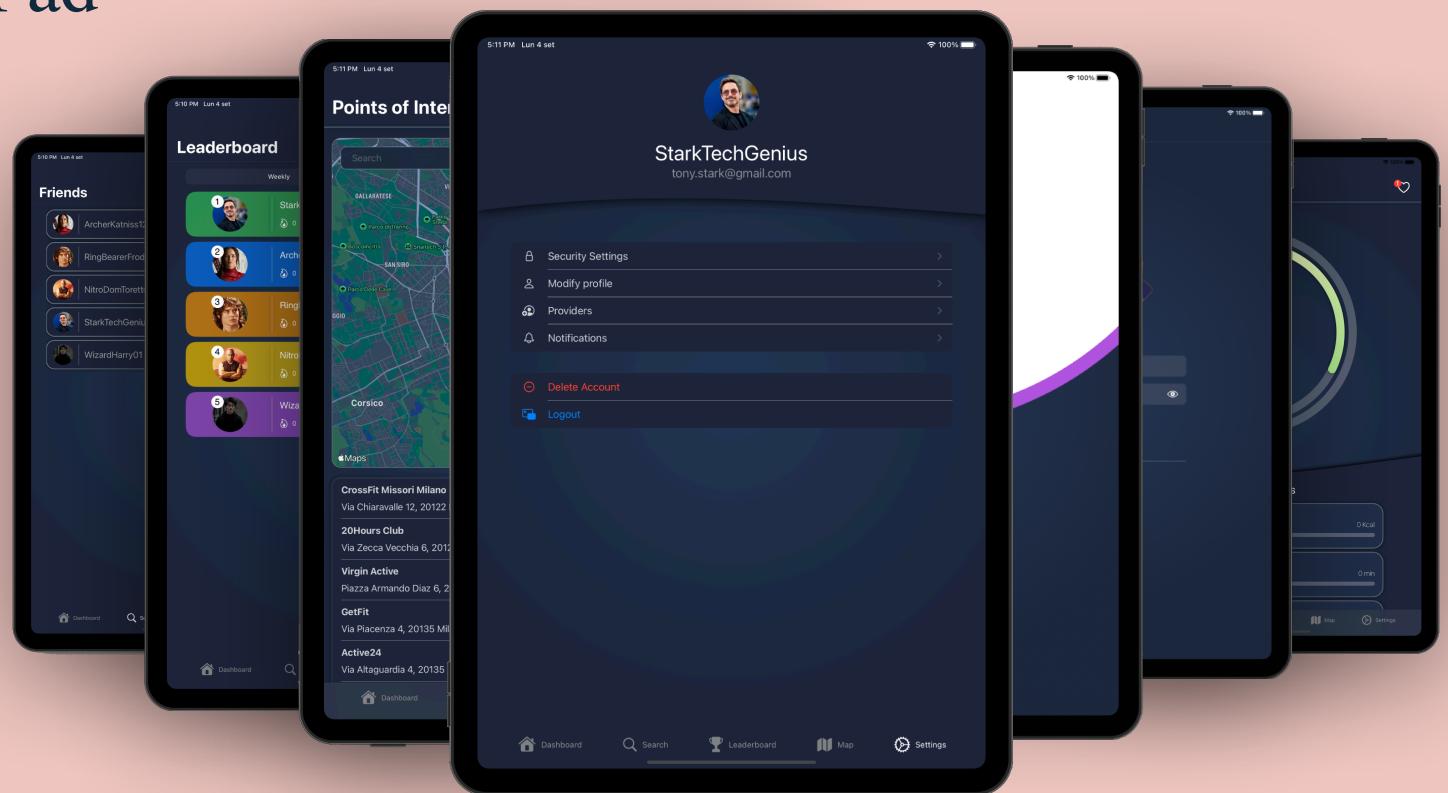
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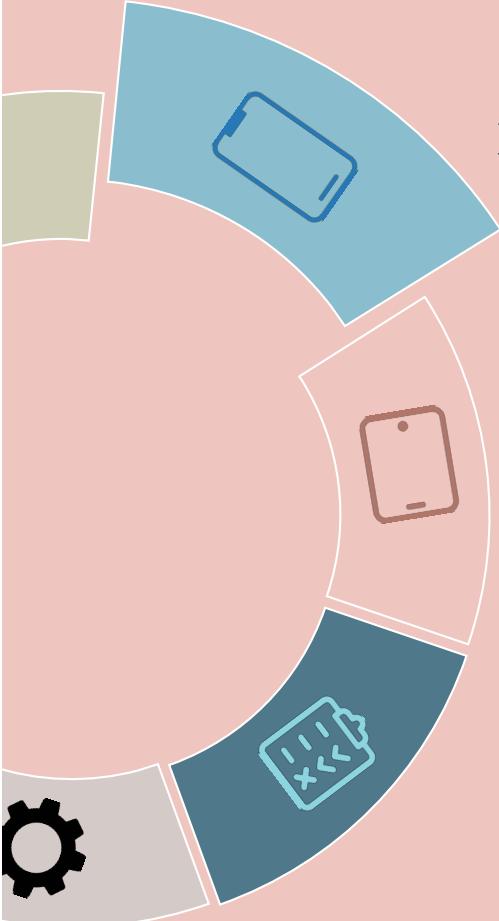


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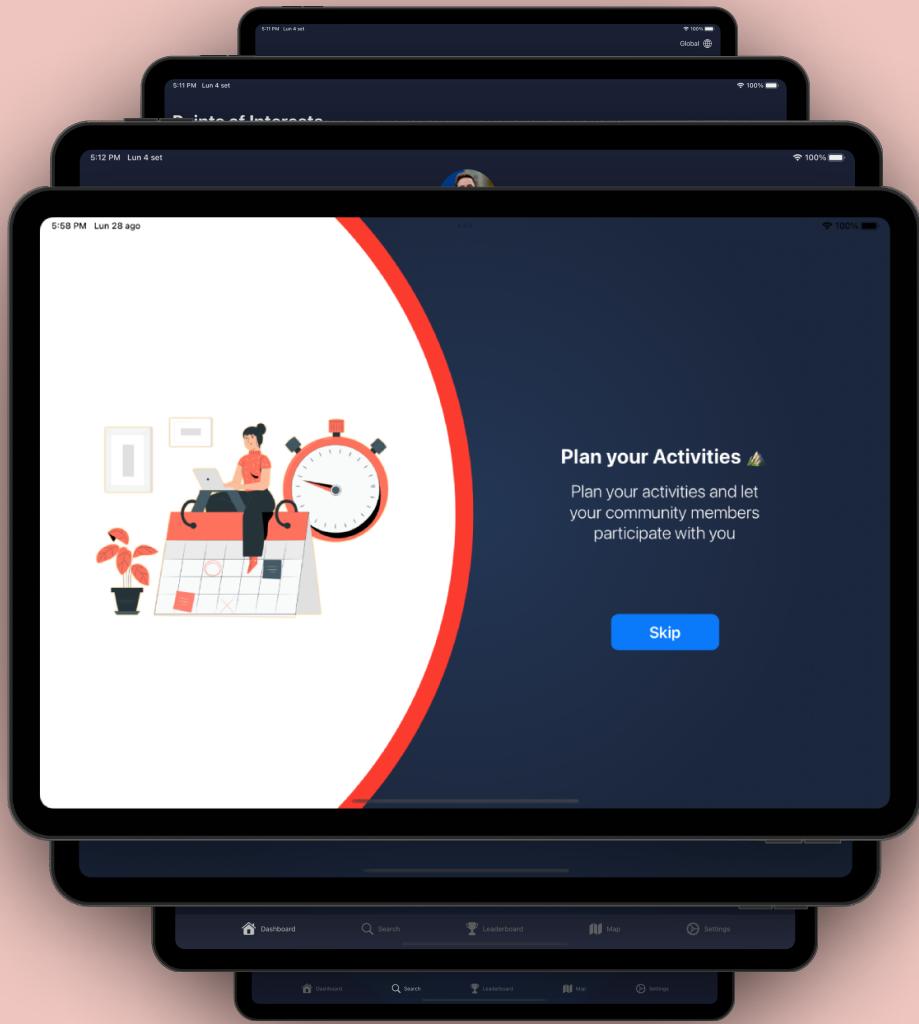


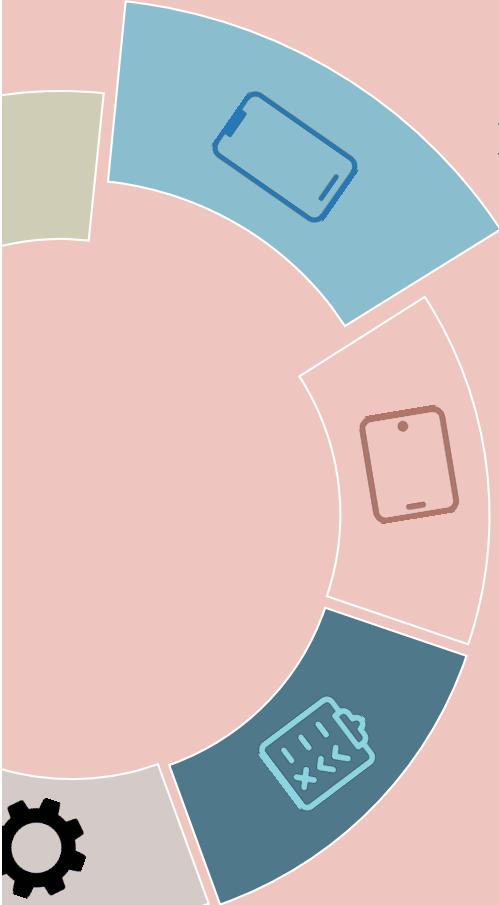
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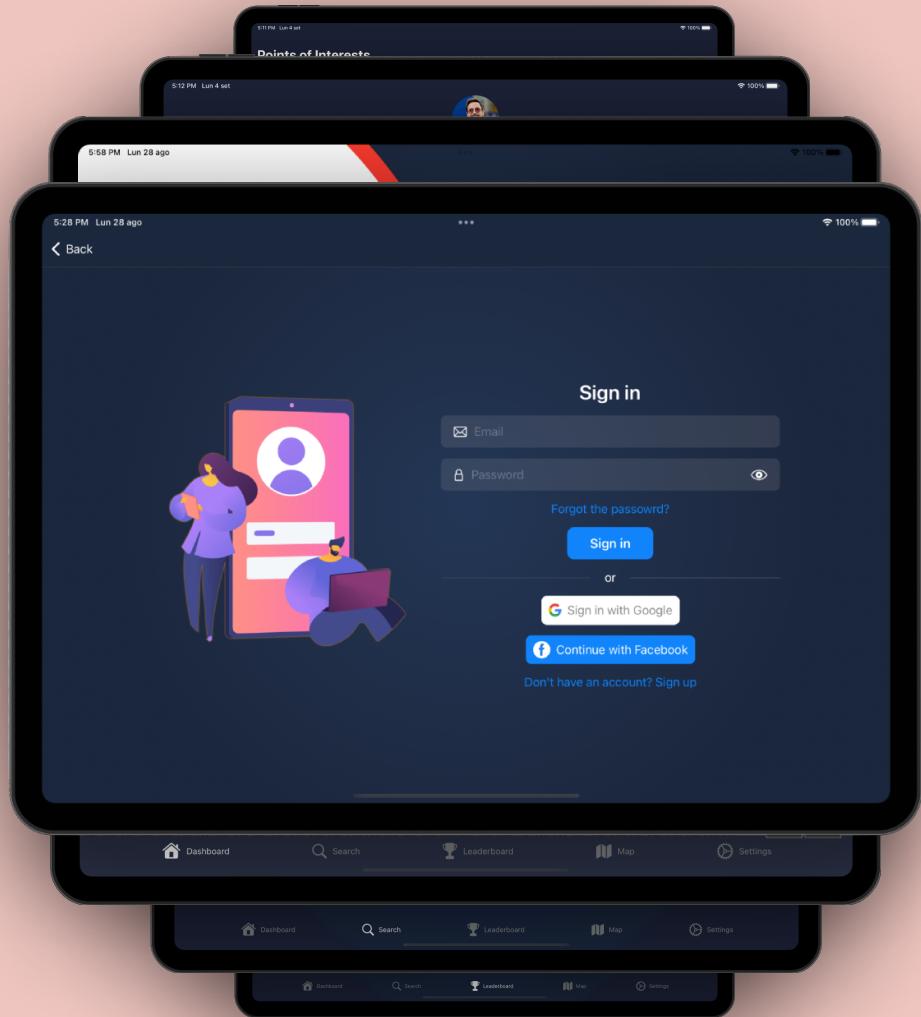


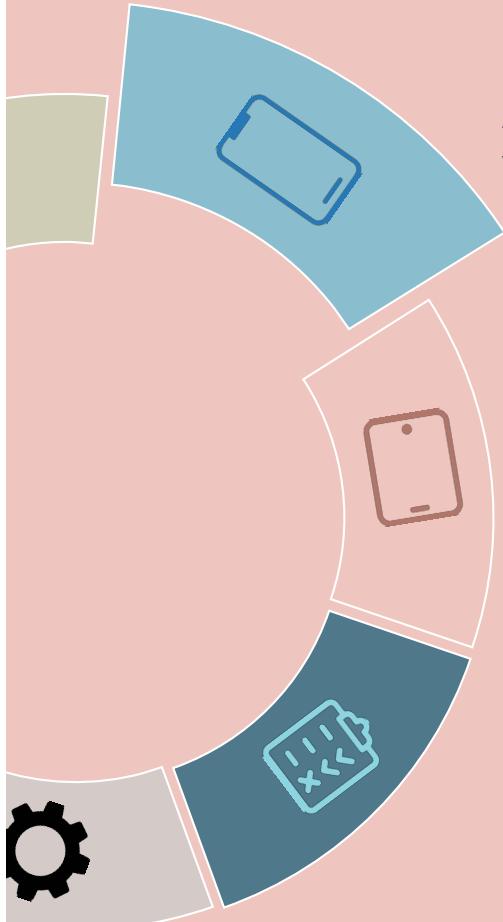
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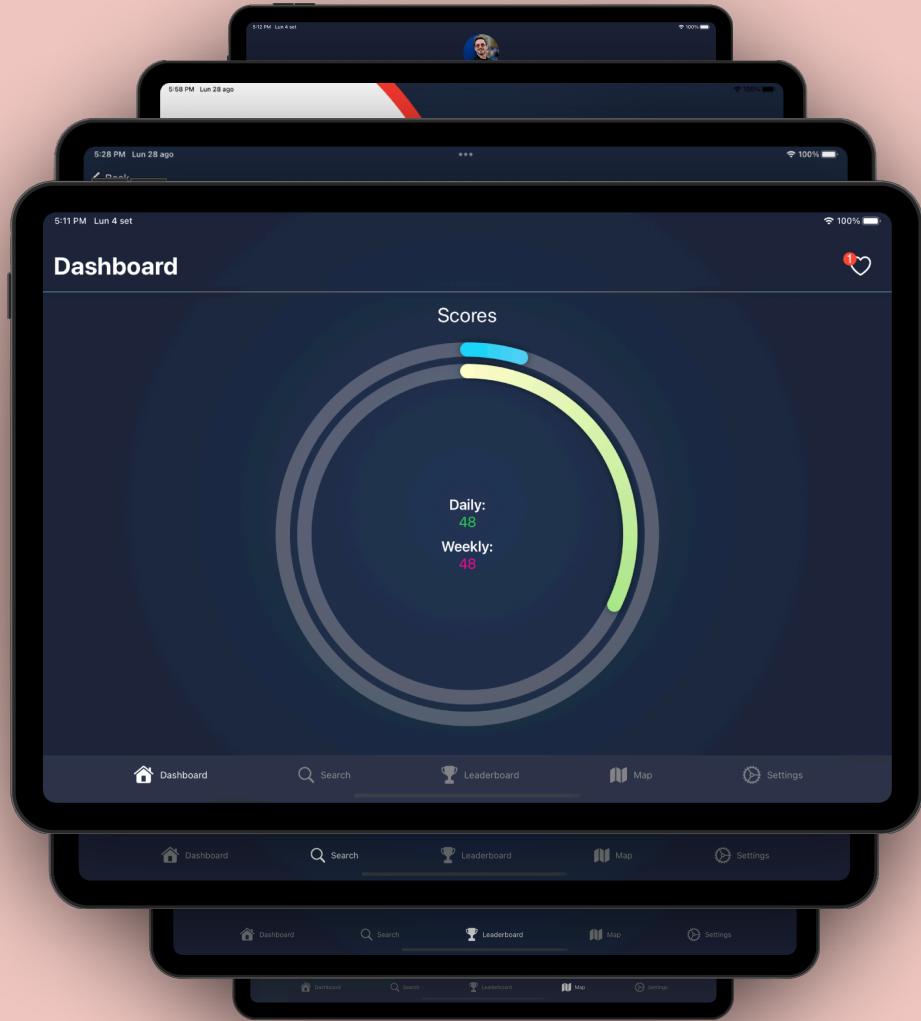


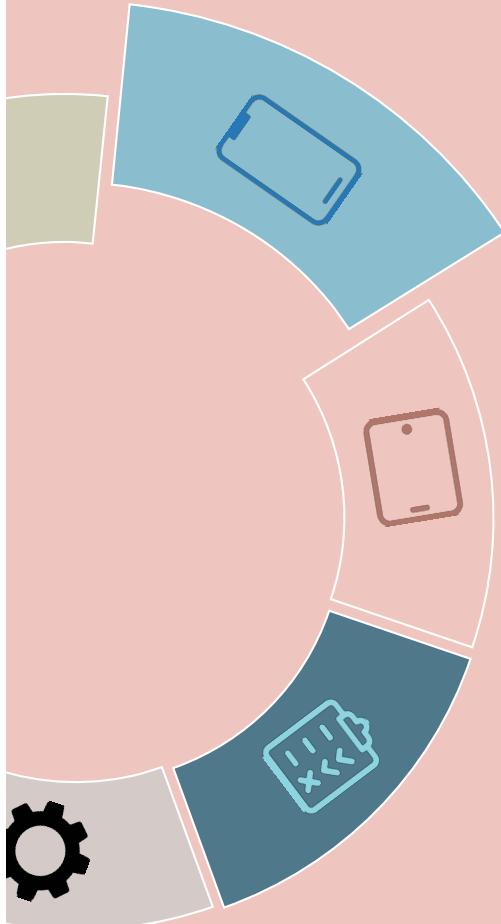
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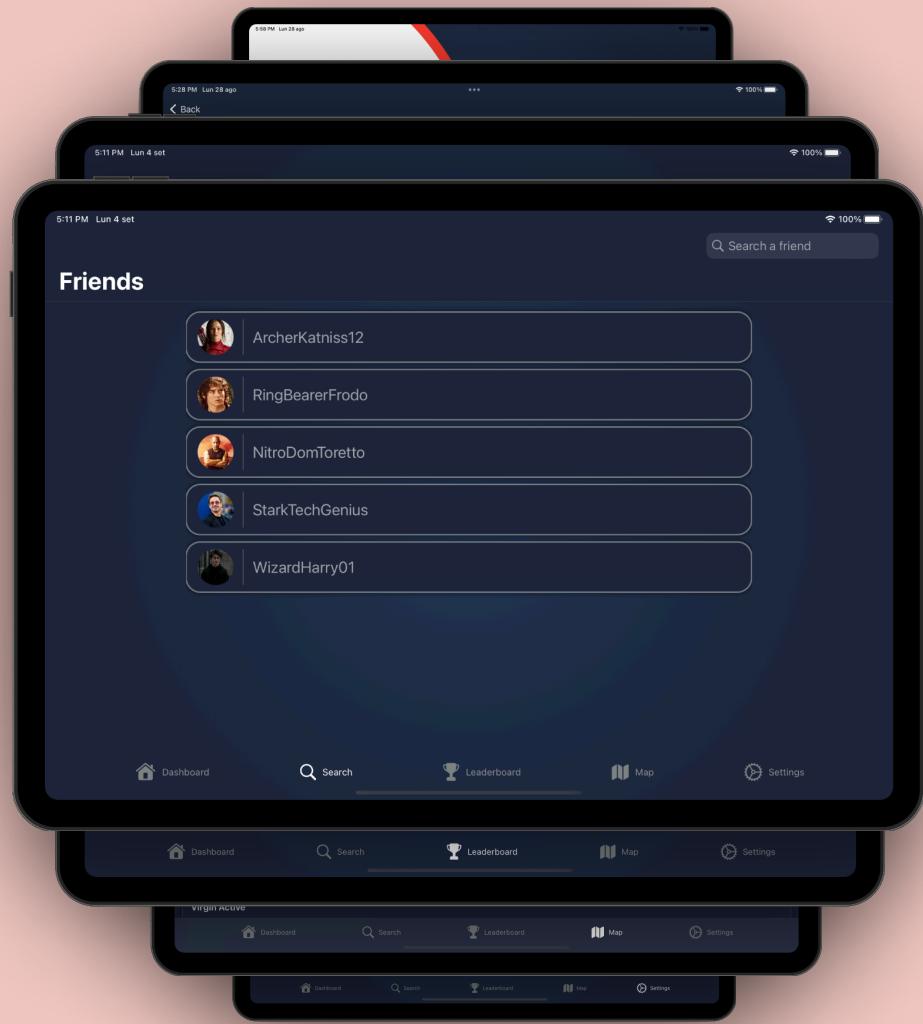


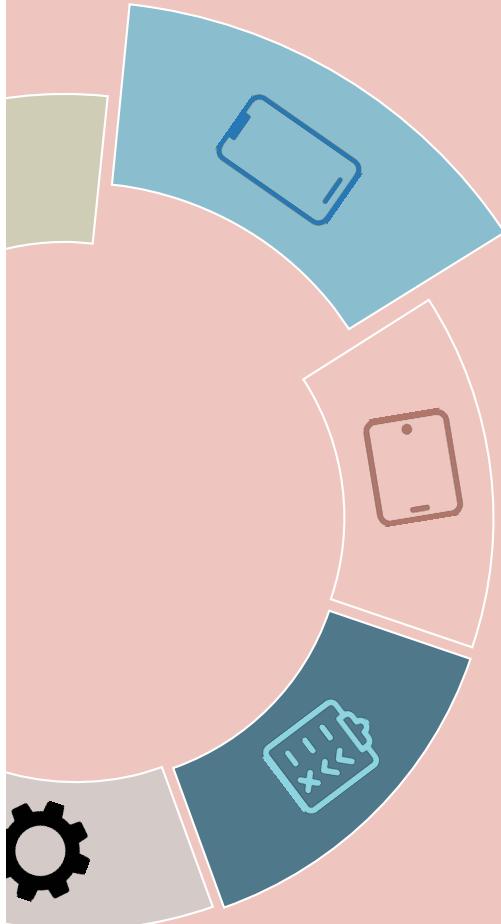
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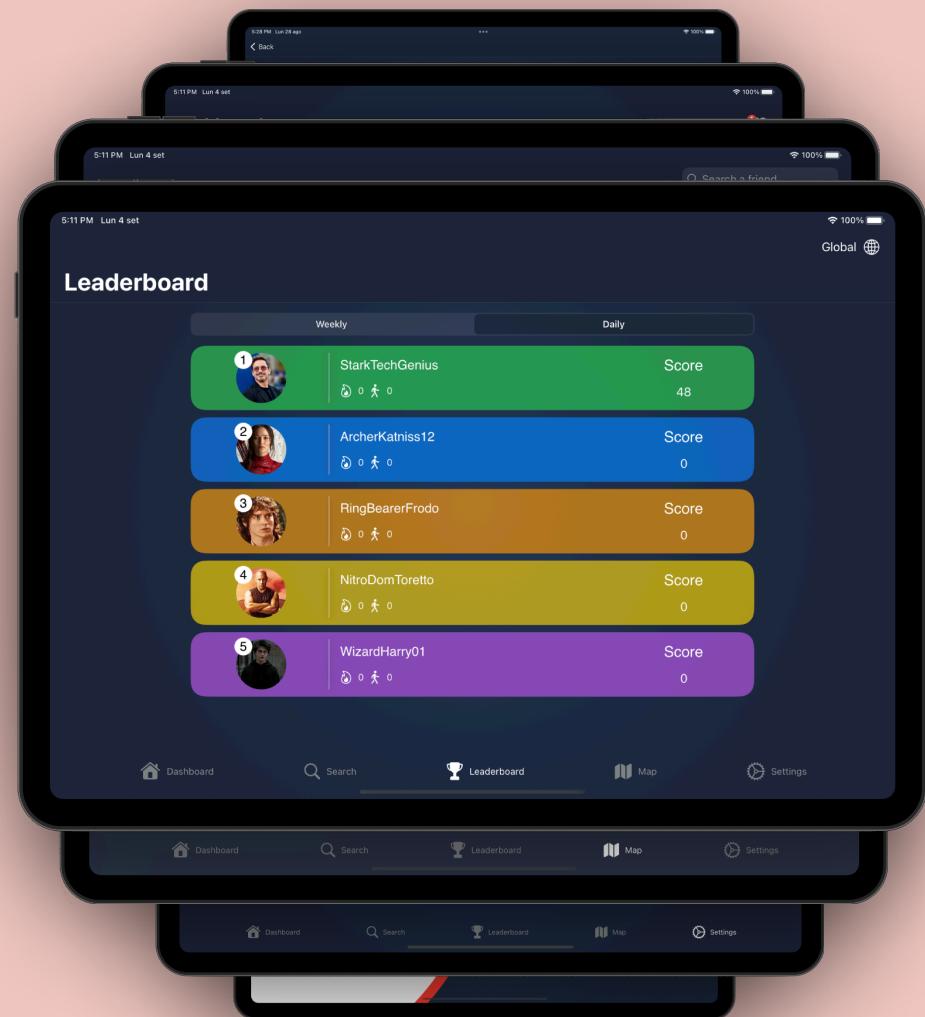


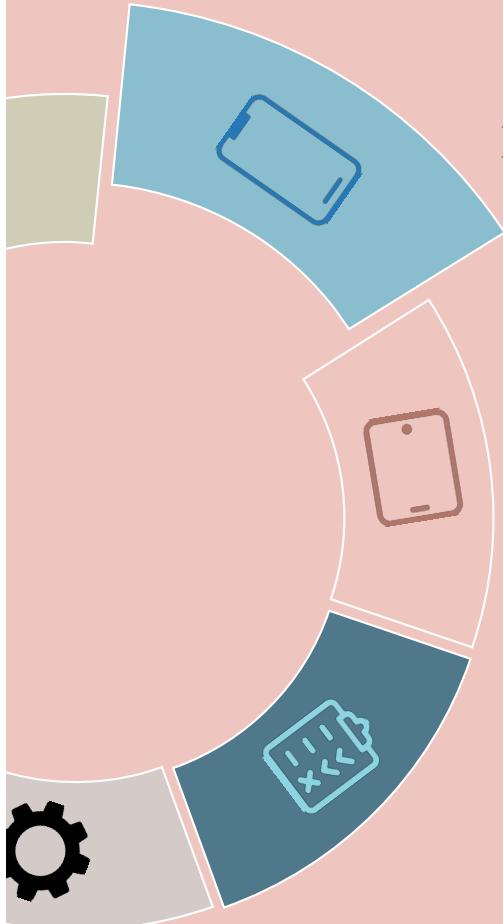
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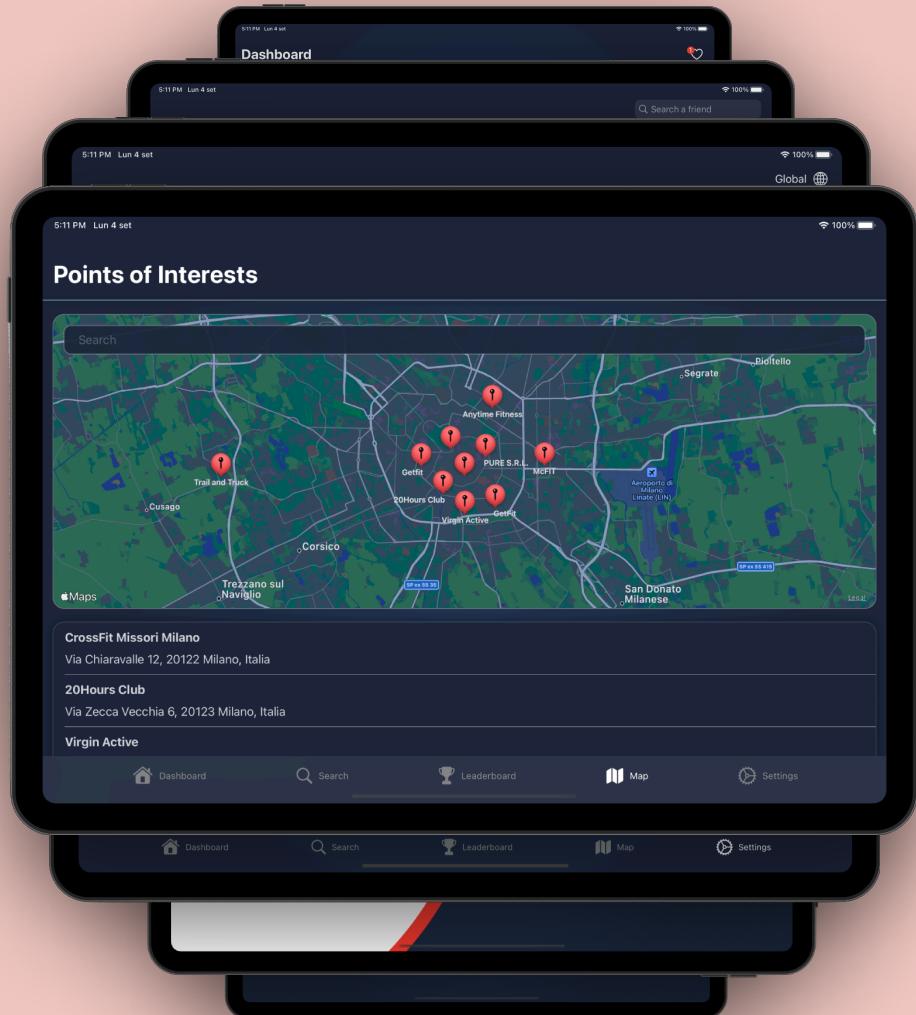


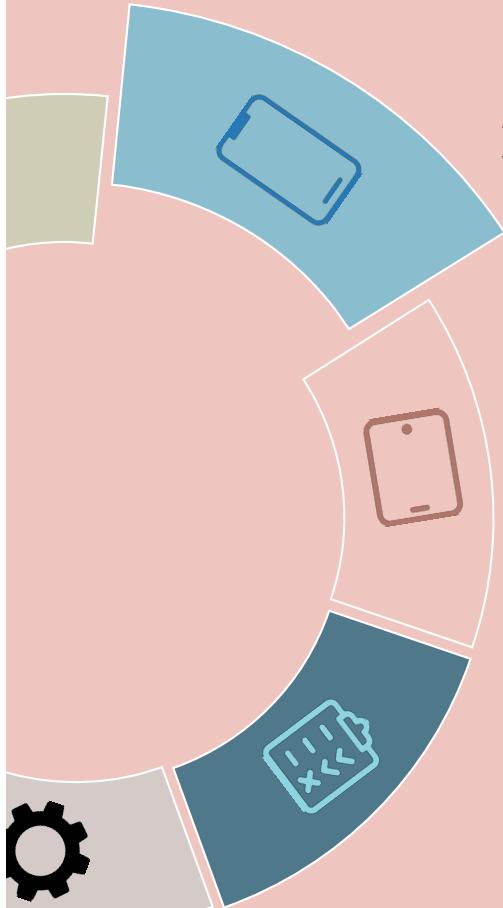
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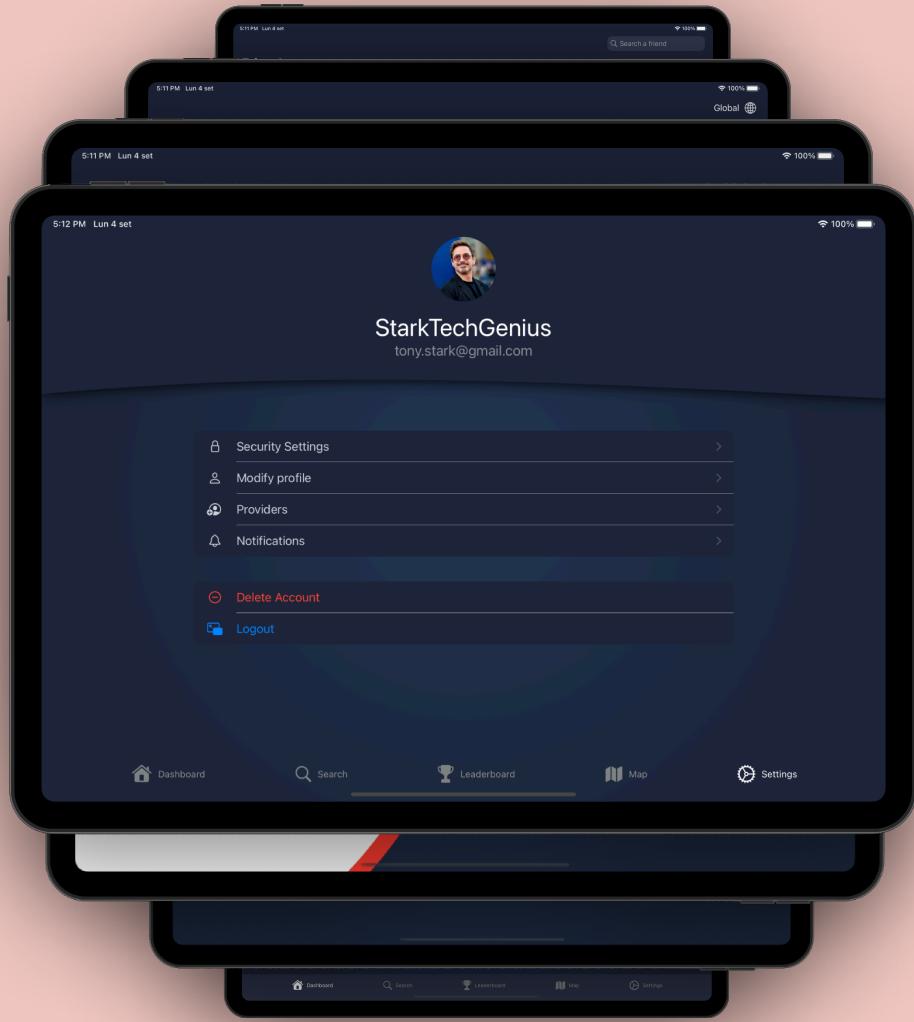


iPad





iPad



# Testing



Unit Testing



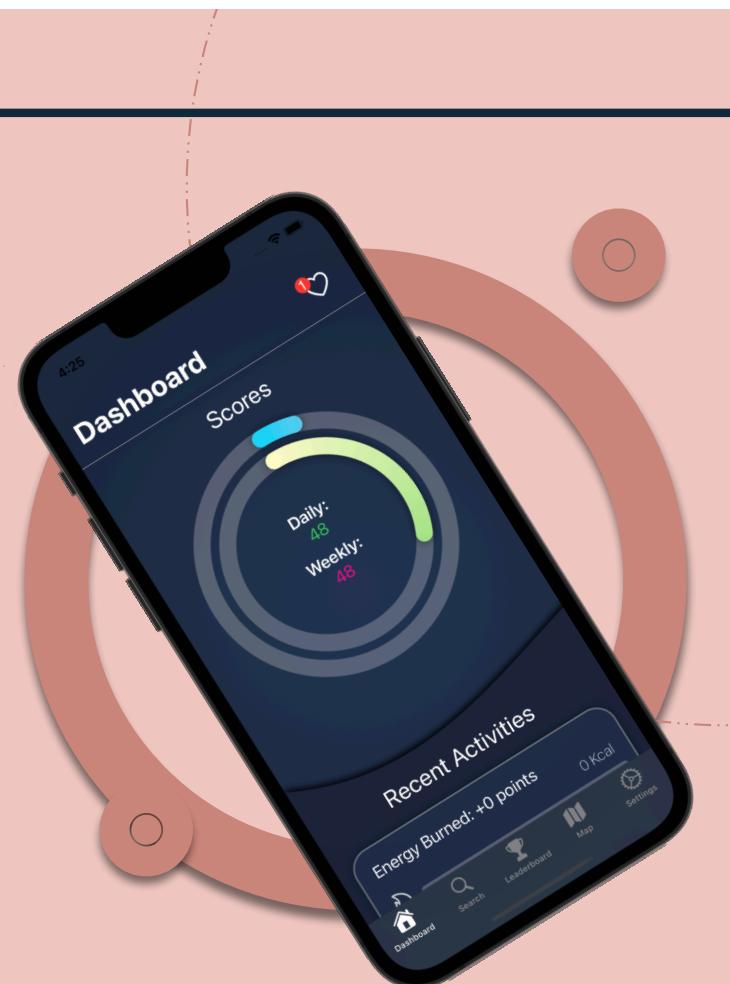
Dependency Injection



Mock Objects



UI Testing



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THANK YOU  
FOR YOU  
ATTENTION!

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[riccardo.inghilleri@mail.polimi.it](mailto:riccardo.inghilleri@mail.polimi.it)

