OUR SOLUTION

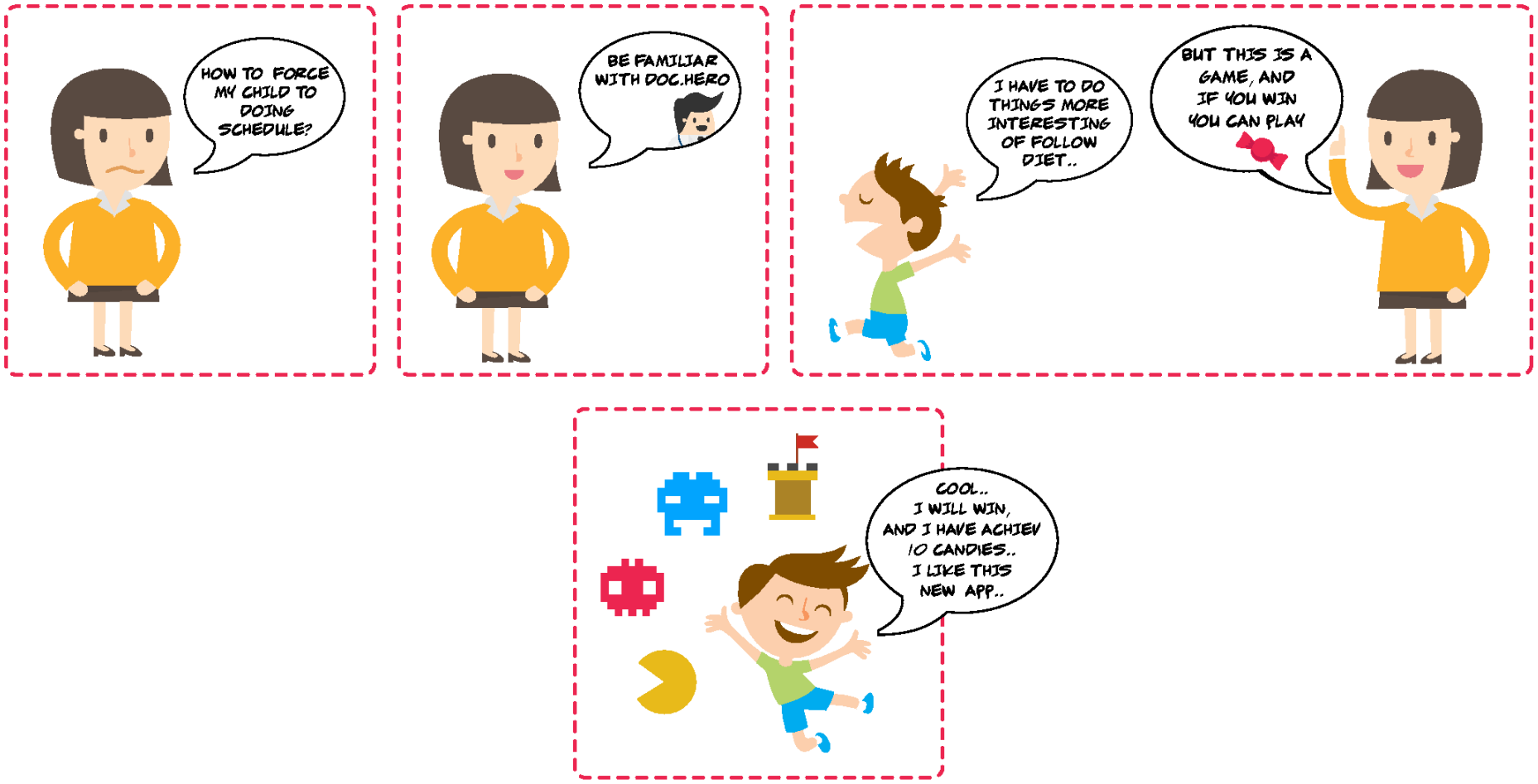
DOC HERO

make the world a sweetest place

Team: Mostafa Ramezani,Soma Shekarchi

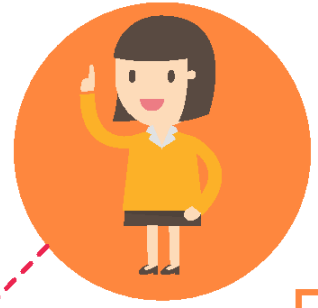
STORYBOARD

DOC. HERO
make the world a sweetest place

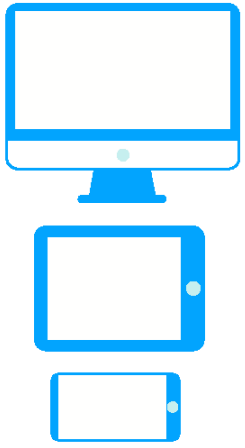


THE ACTORS

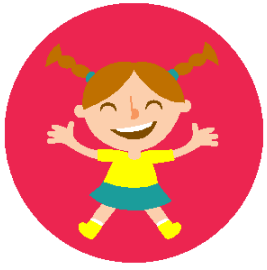
DOCTORS



PARENT



MVP



CHILDREN

Problem Validation

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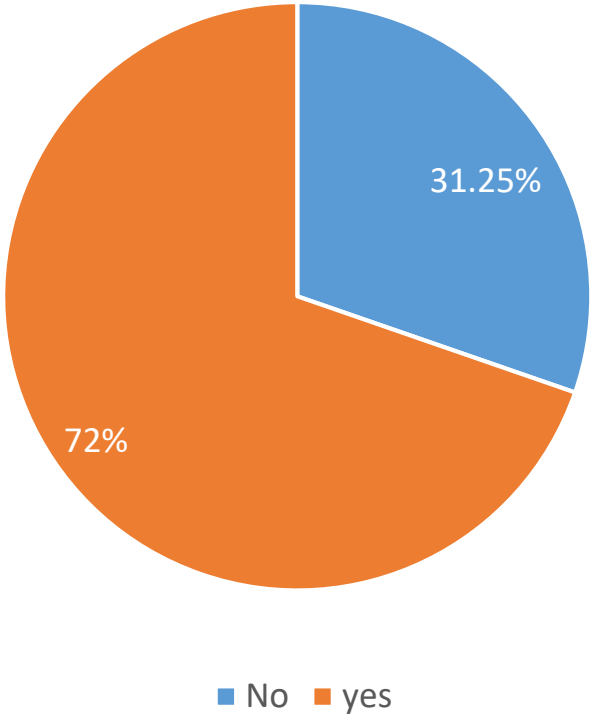
Do parent have problem in their children to follow diabetic diet schedule?



Problem Validation

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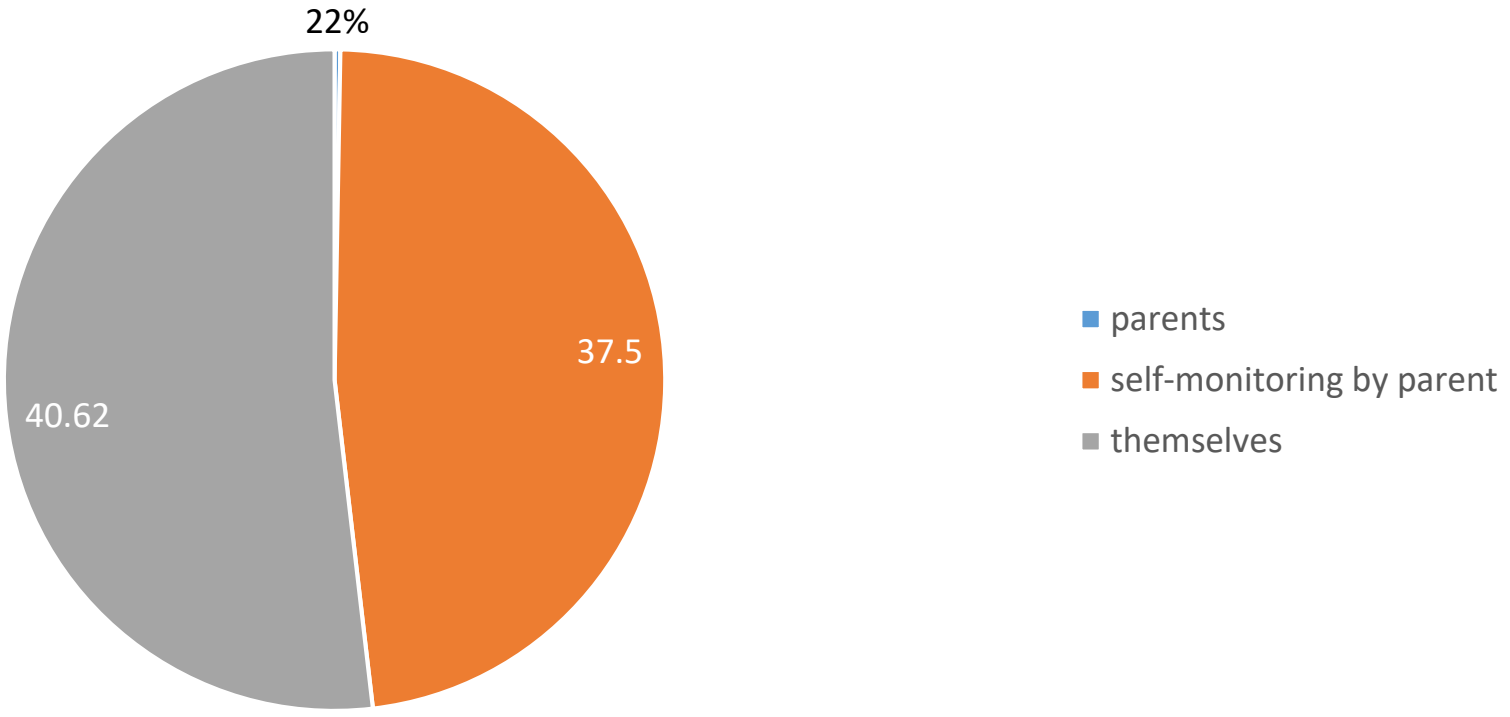
Use of drugs and insulin yourself or with your parents?



Solution Validation

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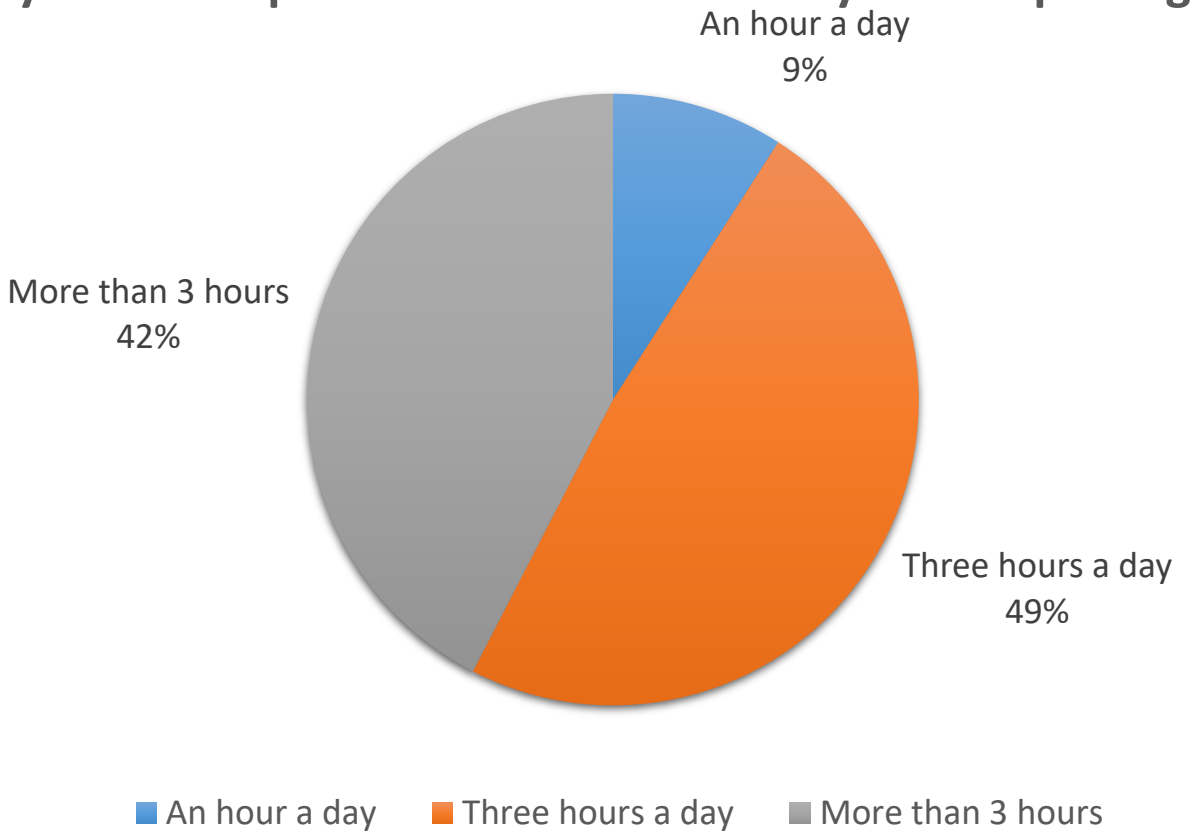
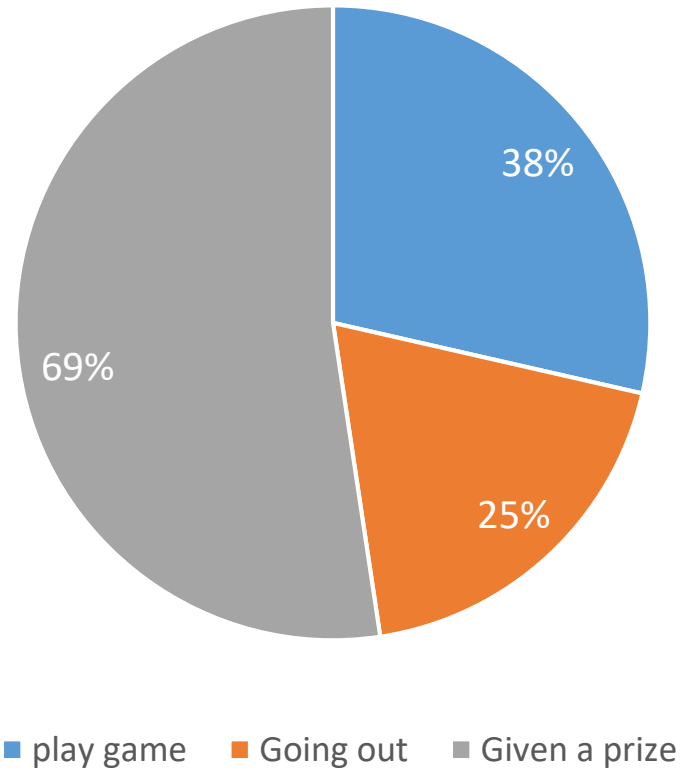
Does your child spend a few hours each day on computer games?



Solution Validation

make the world a sweetest place

Motivating and encouraging your nutrition and medication plan



Solution Validation

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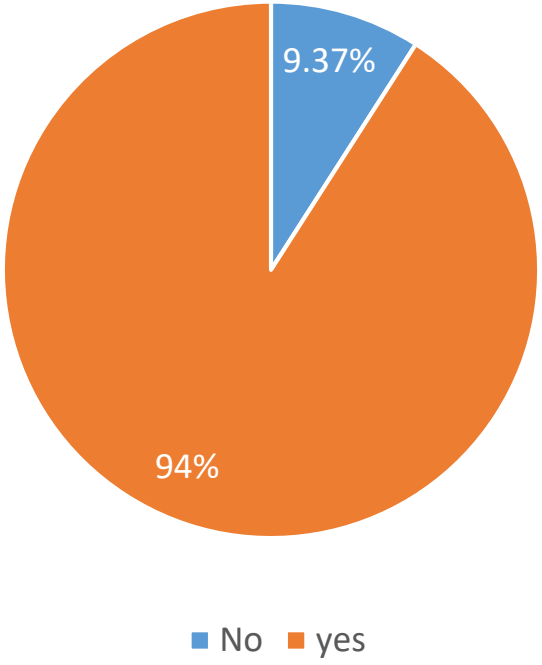
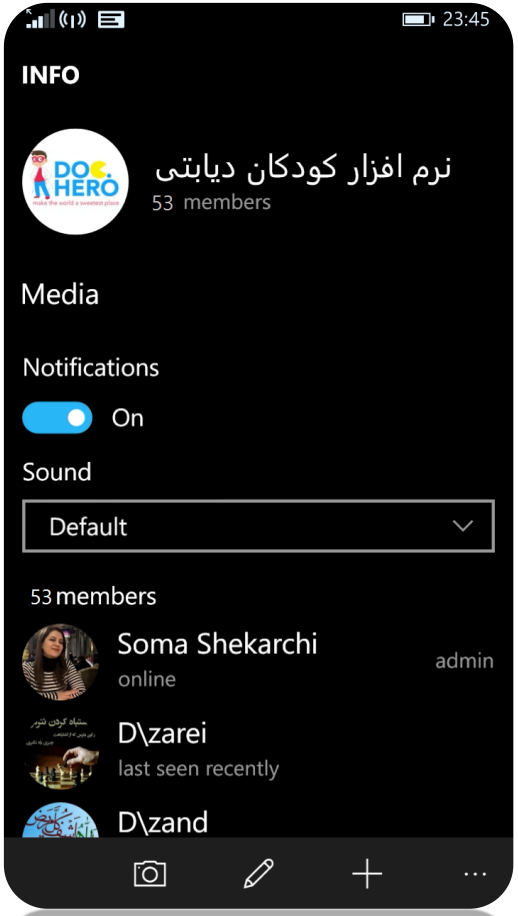
Can diabetic children be encouraged to do diabetic programs through the game?



Feedback of Children



We create group in telegram for get survey of children and parents.

Feedback of Children

In group of telegram, make survey questionnaire and get feedback of mockup file by children and parents.

Problem Validation with Doctor

Dr. Asad Allah Fath Allahpour
Super Pediatrician
Faholapour@yahoo.com

problem

Children with diabetes mellitus (sweet) and their families suffer from various types of psychiatric disorders such as :

- stress, anxiety and depression.

After a while, they suffer from fatigue from everyday problems :

- insulin injections, blood glucose check and diet.

So can cause problems for the patient.

Solution Validation with Doctor

Solution Doc.Hero

The use of software as a game for diabetic children:

- to train and treat them.
- communicate with their virtual physician and their parents.
- Follow diet plane step by step into computer games.

Special characteristic of Doc.Hero

- A very interesting.
- new and wonderful idea.
- Will be successful among children and teenager with diabetes.
- Children loves computer games.
- Finally this idea is pleasure and attractive.

Progress Milestone 2

First Week:

- Add Firebase to Android Project
- Create Authenticate with Firebase using Password-Based Accounts and Google Account
- Follow survey
- Research for Time management of play game

Second Week:

- We Had Session with mentor
- Create group in telegram for get survey of mockup file
- Create form for diabetes plan that contain (Insert-Update-Delete)
- Question and reply more with children about idea in the group created in telegram

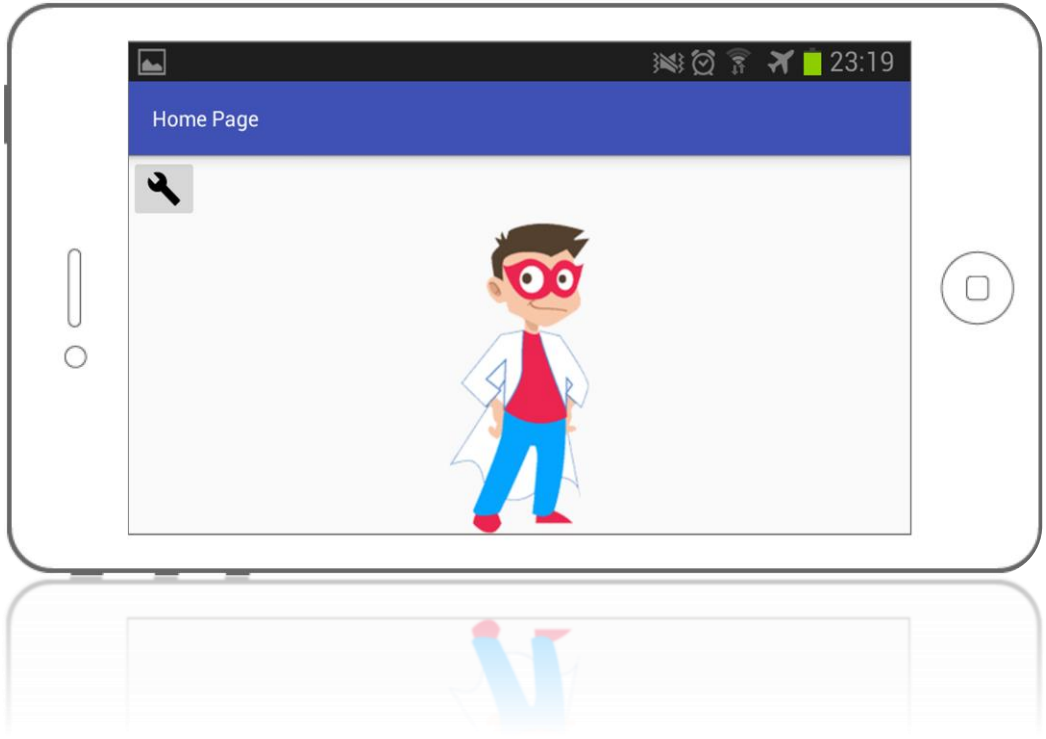
Third Week:

- Create form for children that contain (Insert-Update-Delete)
- Show list of the children
- Show list of the diabetes plan

Last Week:

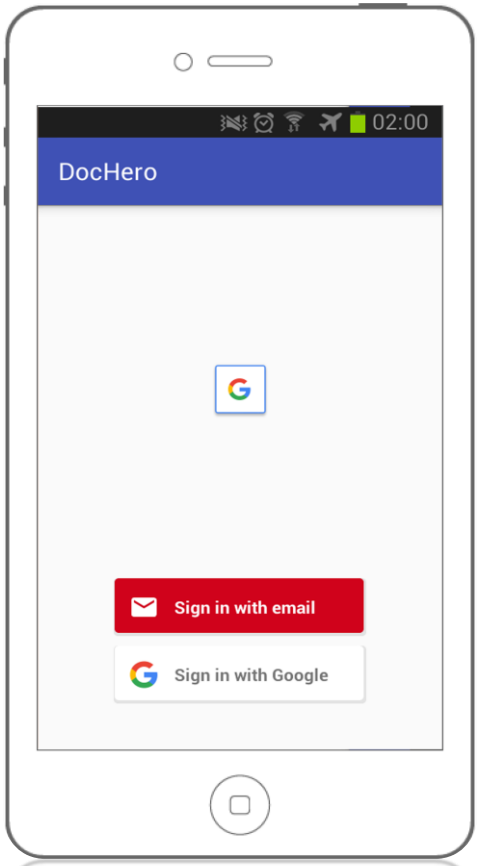
- Make charts of new feedback of users
- Create setting
- Create Time schedule
- Create navigation drawer

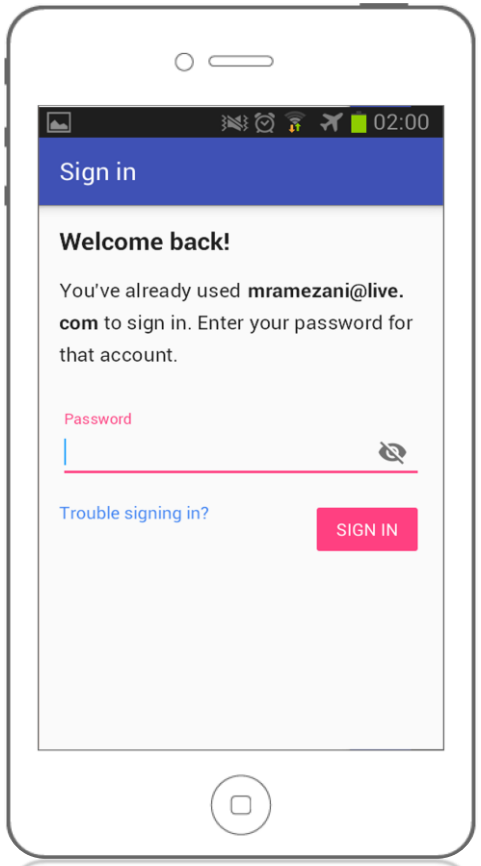
Demo App

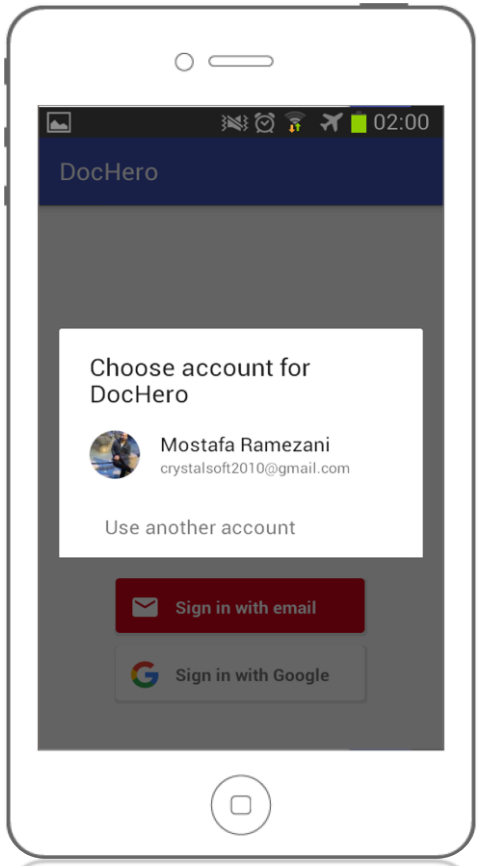


Home Page

Demo App

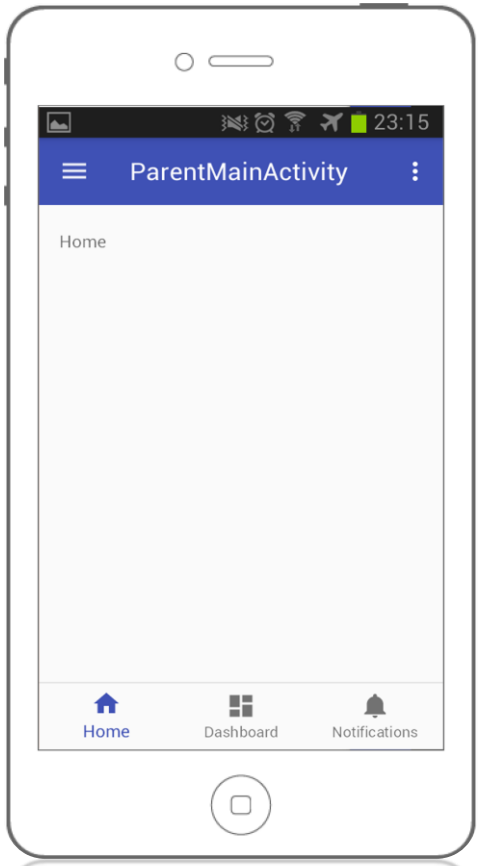


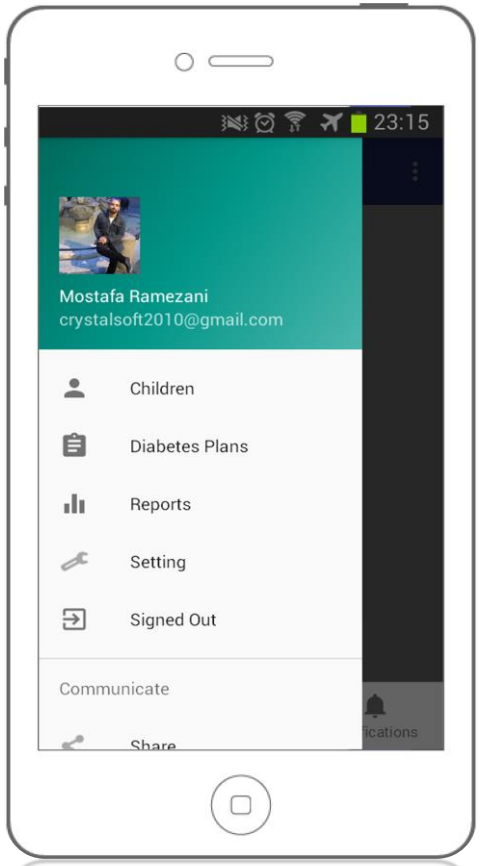




Authentication

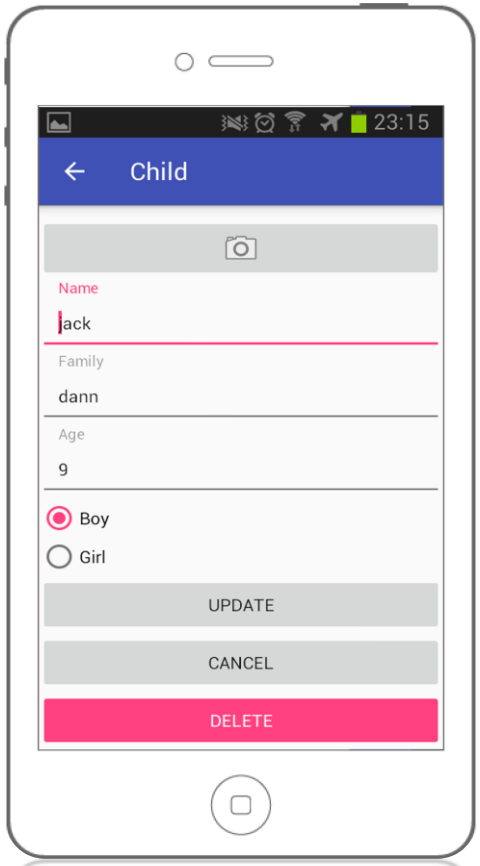
Demo App





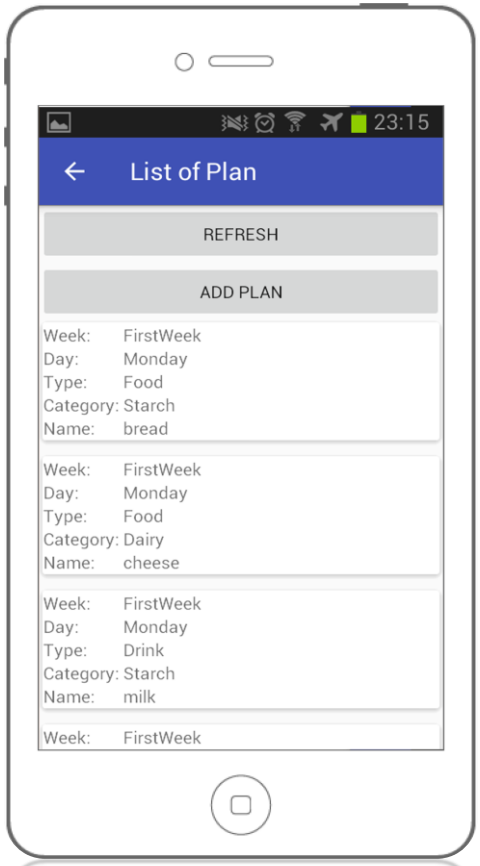
Parent Dashboard

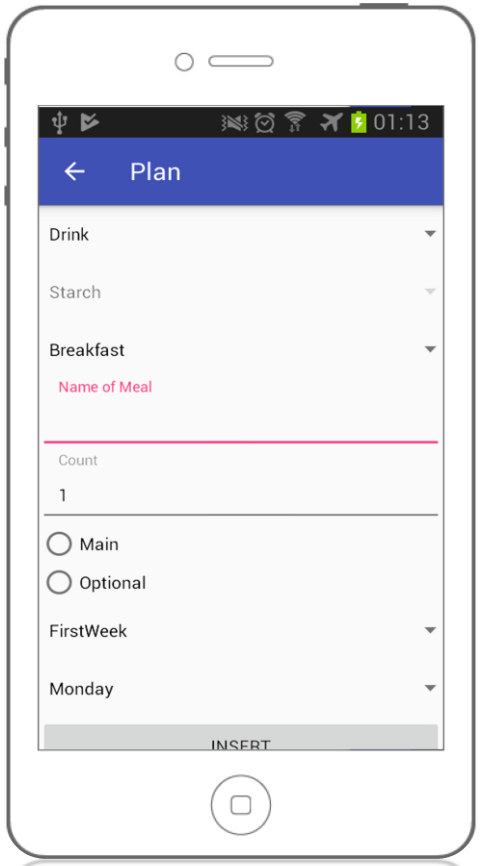
Demo App



Children

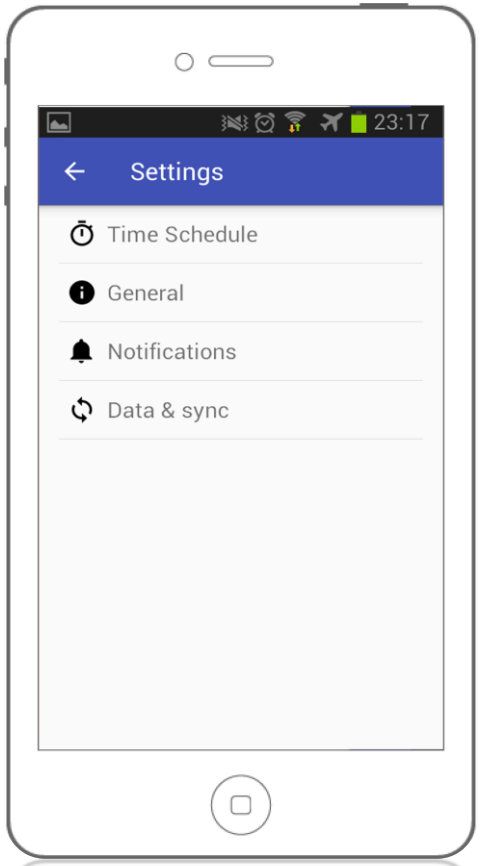
Demo App



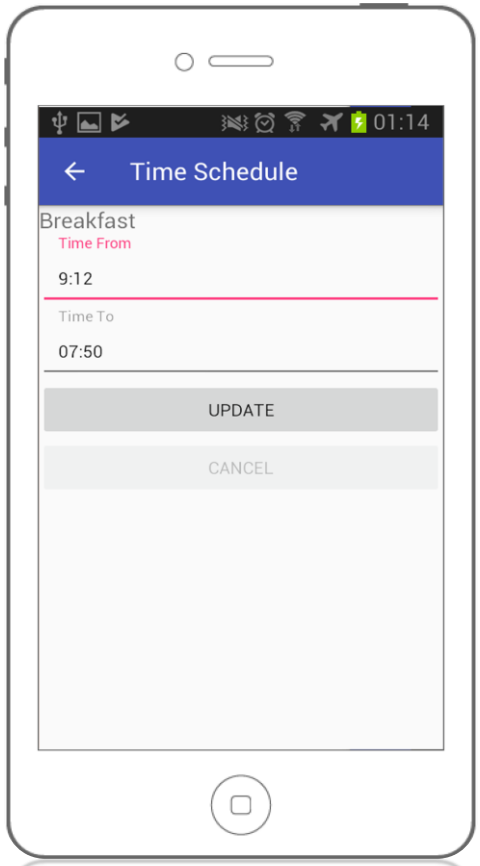


Diabetes Plan

Demo App



Settings



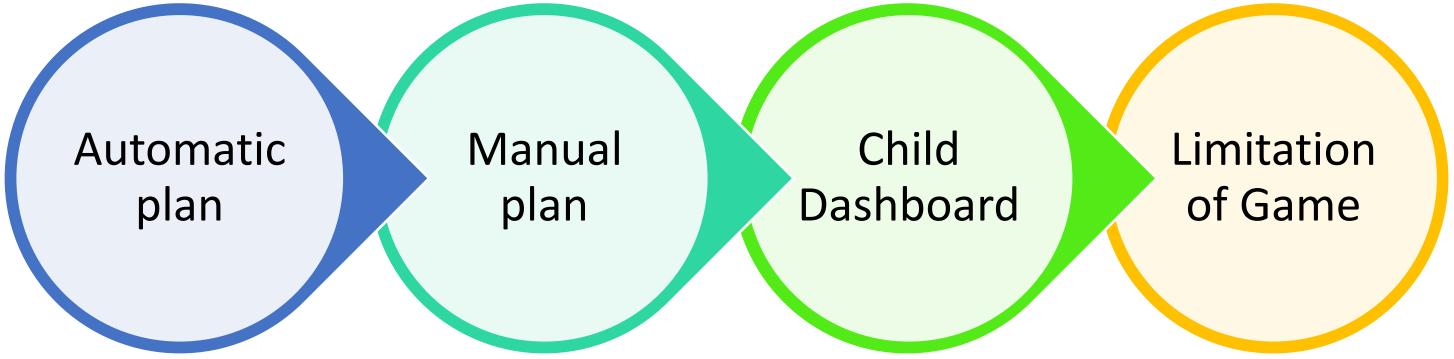
Time Schedule

Progress since last milestone

Team member	Mostafa	Soma
Main side	Server-Client side	Server-Client side
Task #1	Add Firebase to Android Project	Follow survey
Task #2	Create Authenticate with Firebase using Password-Based Accounts and Google Account	Research for Time management of play game
Task #3	Research for Time management of play game	Create group in telegram for get survey of mockup file
Task #4	Create form for diabetes plan that contain (Insert-Update-Delete)	Question and reply more with children about idea in the group created in telegram
Task #5	Show list of the diabetes plan	Create form for children that contain (Insert-Update-Delete)
Task #6	Create setting	Show list of the children
Task #7	Create navigation drawer	Make charts of new feedback of users

Road Map

Third Milestone



Feature List

Authentication

Description: You can let your users authenticate with Firebase using their Google Accounts by integrating

Requires: Add Firebase to your Android project and Add the dependencies for Firebase Authentication and Google Sign-In to your app.

Due: Milestone 2

Time Estimation: 4 days

Parent Profile

Description: A brief description of the characteristics of parent

Requires: Design UI and use DataBase with Google App Engine

Due:Milestone 2

Time Estimation: 3 days

Setting

Description: Parent Can Modify child's account and change application setting

Requires: Design UI and use DataBase with Google App Engine

Due:Milestone 2

Time Estimation: 8 days

Parent Dashboard

Description: Parent Can See Short Health report and Manage Diabetes plan(Add,Edit,Remove)

Requires:Design UI and use DataBase with Google App Engine

Due:Milestone 2

Time Estimation: 14 days

Feature List

Automatic Plan

Description:Automatically "dochero" make suggestion of plan

Requires: Design UI and use DataBase with Google App Engine.

Due: Milestone 3

Time Estimation: 14 days

Manual plan

Description: Children can do and follow their plan manually

Requires: Design UI and use DataBase with Google App Engine

Due: Milestone 3

Time Estimation: 7 days

Child Dashboard

Description: Parent Can Modify child's account and change application setting

Requires: Design UI and use DataBase with Google App Engine

Due:Milestone 3

Time Estimation: 5 days

Limitation of Game

Description: Manage time of play game

Requires: Create System Application

Due: Milestone 3

Time Estimation: 20 days

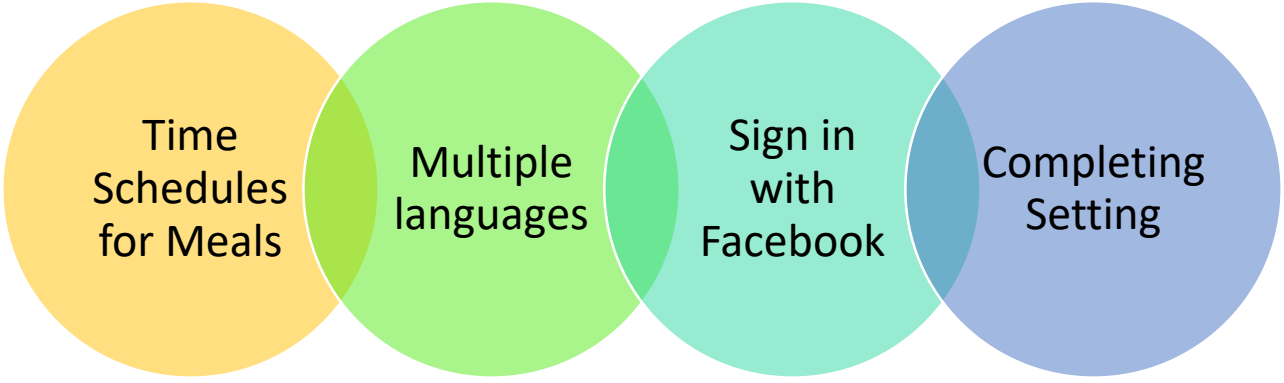
Difficulties

Create System App For Control Time of play game

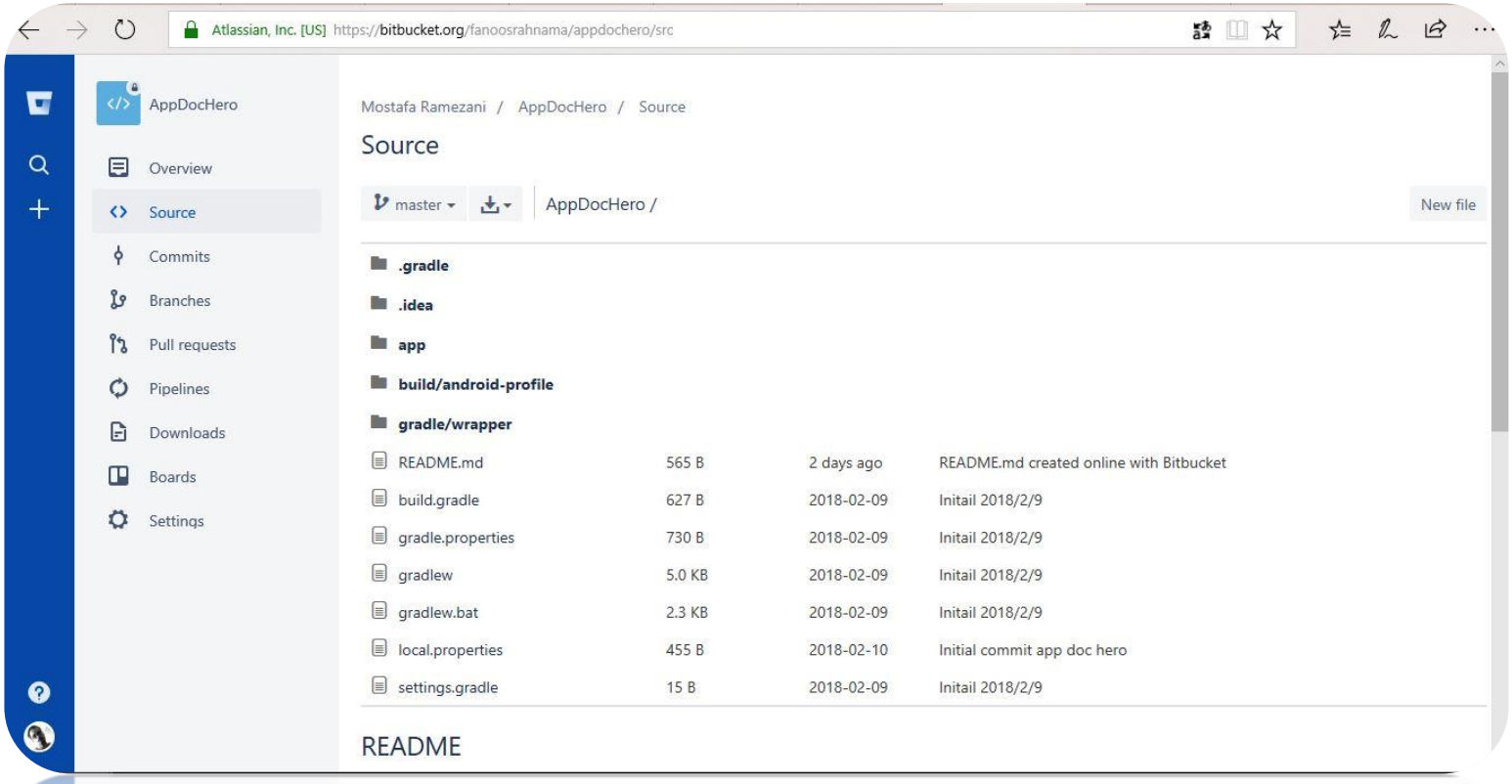
Get feedback from children

Use Firebase

New Feature

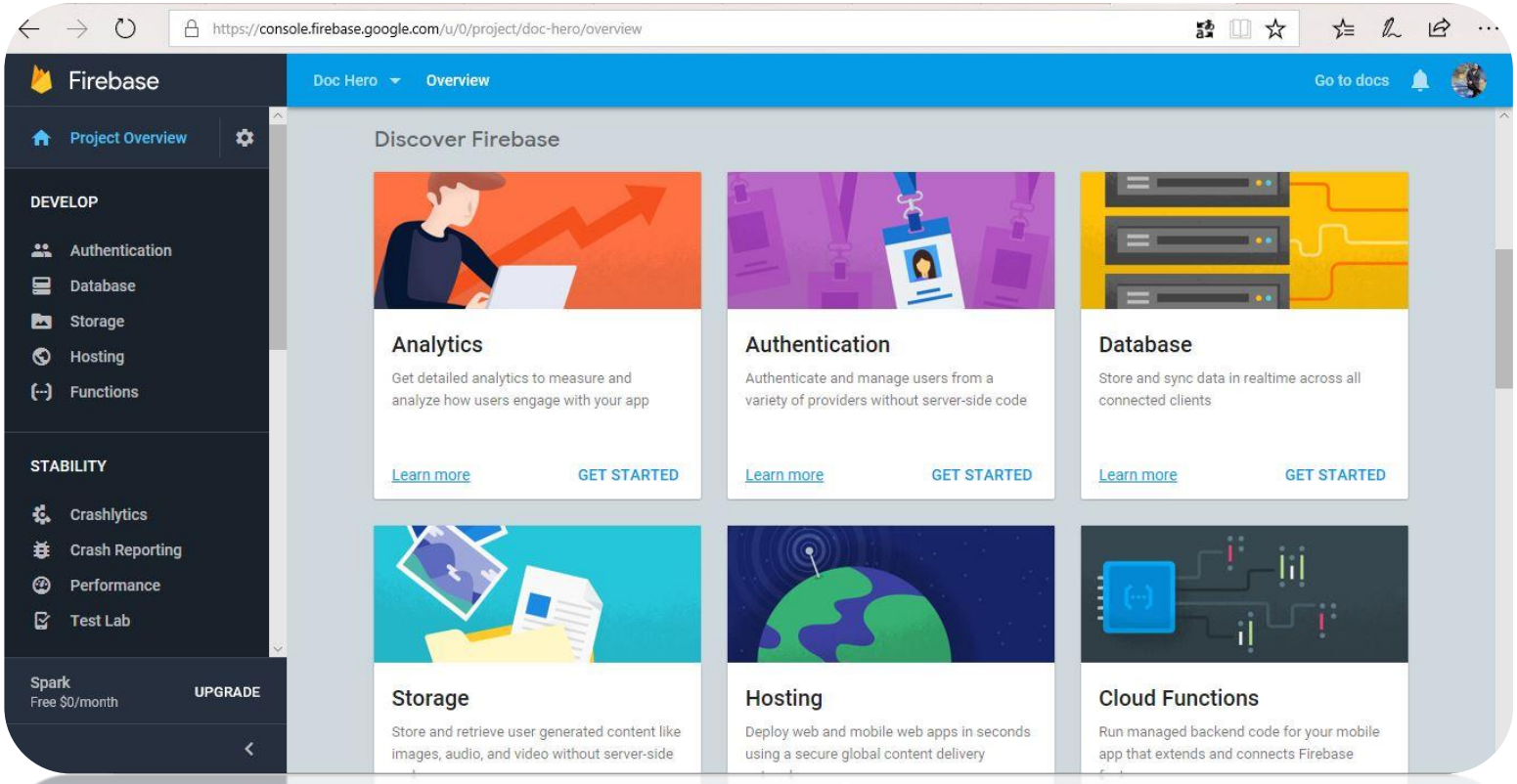

Time Schedules for Meals
Multiple languages
Sign in with Facebook
Completing Setting

Version Control



Use Bitbucket for Version Control System (Git)

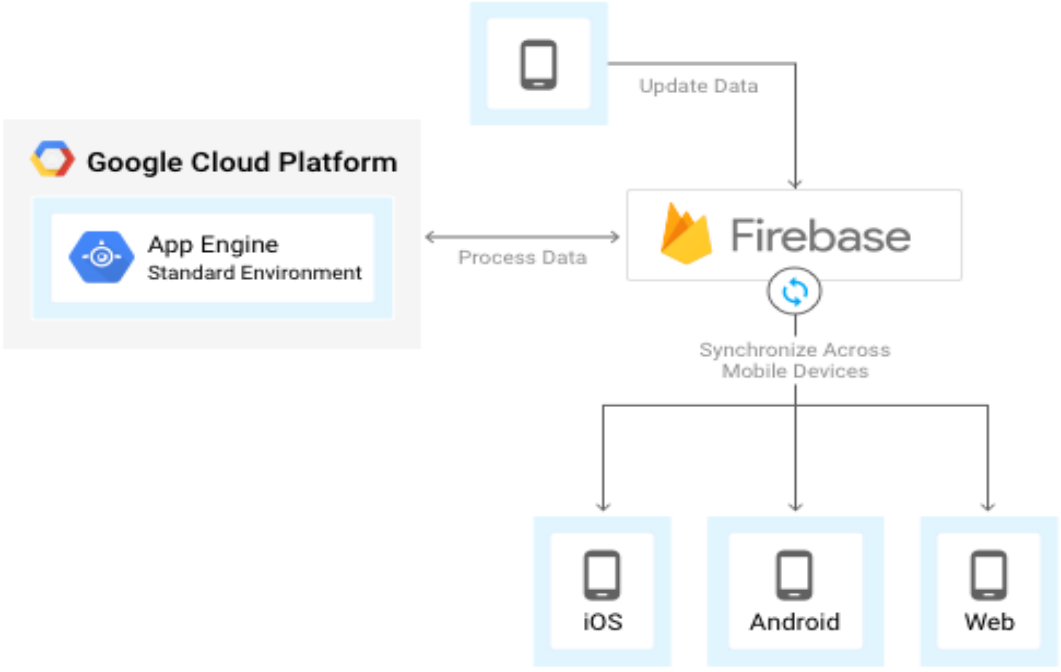
Back-End



Use Firebase as the Back-End

Firebase

Technology



https://goo.gl/ZYufd1

https://github.com/fanoos/DocHero

Thank you
for
your attention !