

Quest Calendar



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01

Introduction And Motivation

Calendar

Keeping Motivation

- Experience System
- Beautiful UI

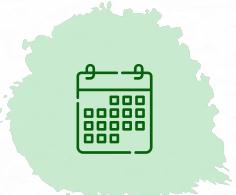
Organizing

- Planner
- Reminders

Self-Improving

- Quests
- Health advice

Key Features



Calendar

- Periodic events
- Punctual events
- Tasks
- Reminders



Gamification

- Profile & character
- Experience & level system
- Items to customize
- Quests to achieve
- Achievements



Beautiful UI

- Satisfactory
- Overall view
- Motivational
- Stress relief
- Profile section



Improve

- Physical & mental Health
- World awareness
- Self-organization
- Social skills



02

Goals

Goals

To Organize

- Daily, weekly, monthly, yearly events
- Reminders
- Punctual events
- Overall view

To Create Engagement

- Completing quests
- Leveling up
- Customizing character



To Improve

- Physical & mental Health
- World awareness
- Self-organization

To Satisfy

- Workouts
- Calm-mind with visuals and advice

03

Requirement analysis

Persona 1



Miguel López

Age: 27

Occupation: Software

Engineer

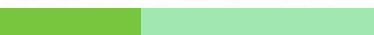
Personality: Introvert

Behaviours:

Internet skills 

Interest in apps 

Social skills 

Organization 

Interest in sports 

Interest in games 

Problems

- Always sit
- A lot of things in mind
- Don't socialize
- Lose sense of time

Goals

- Do exercise
- Don't forget things
- Playing games
- Improve himself
- Improve his relations

Persona 2



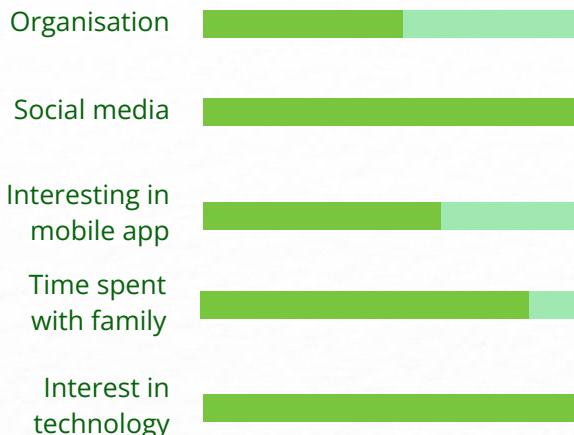
Violette Baudelaire

Age: 22

Occupation: Influencer

Personality: Extravert

Behaviours:



Problems

- bad organization
- busy schedule

Goals

- better organization
- beautiful planner
- balance between personal life and work

Persona 3



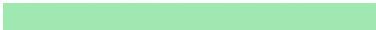
Lisa Simpson

Age: 17

Occupation: high school
student

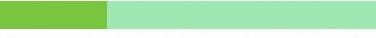
Personality: Introvert

Behaviours:

Organisation 

Anxiousness 

Interesting in
mobile app 

Motivation in
studying 

Horse riding 

Problems

- lack of motivation
- easily anxious

Goals

- being productive
- learning how to organize herself
- stopping being anxious all the time

Storyboard 1

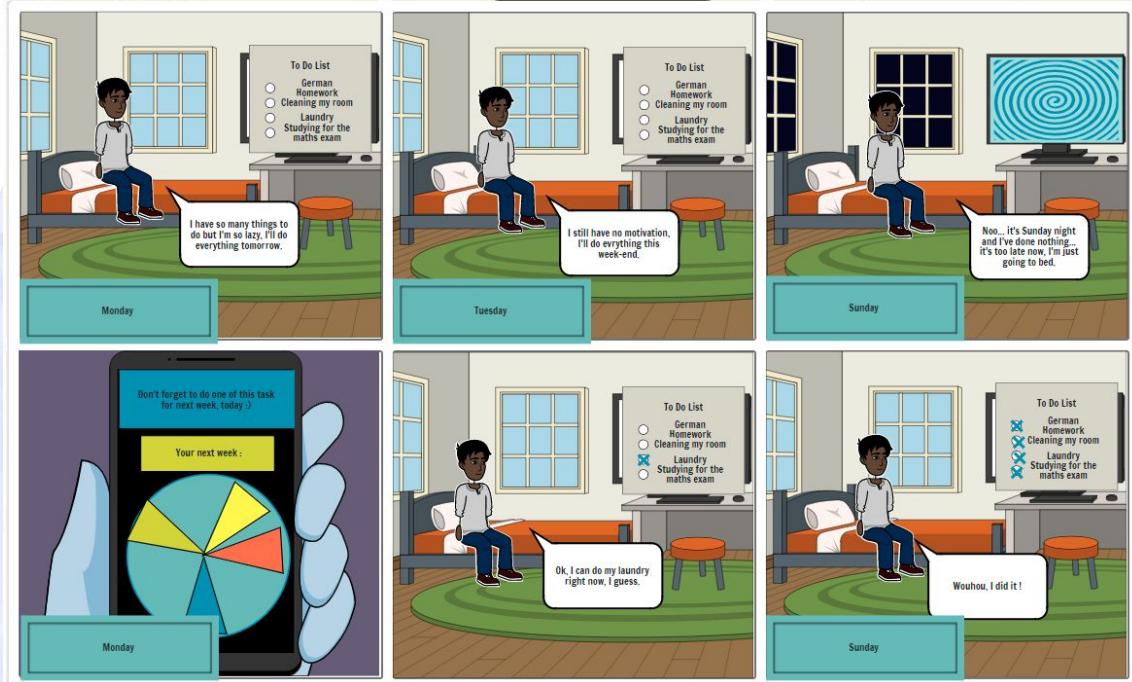
BEFORE



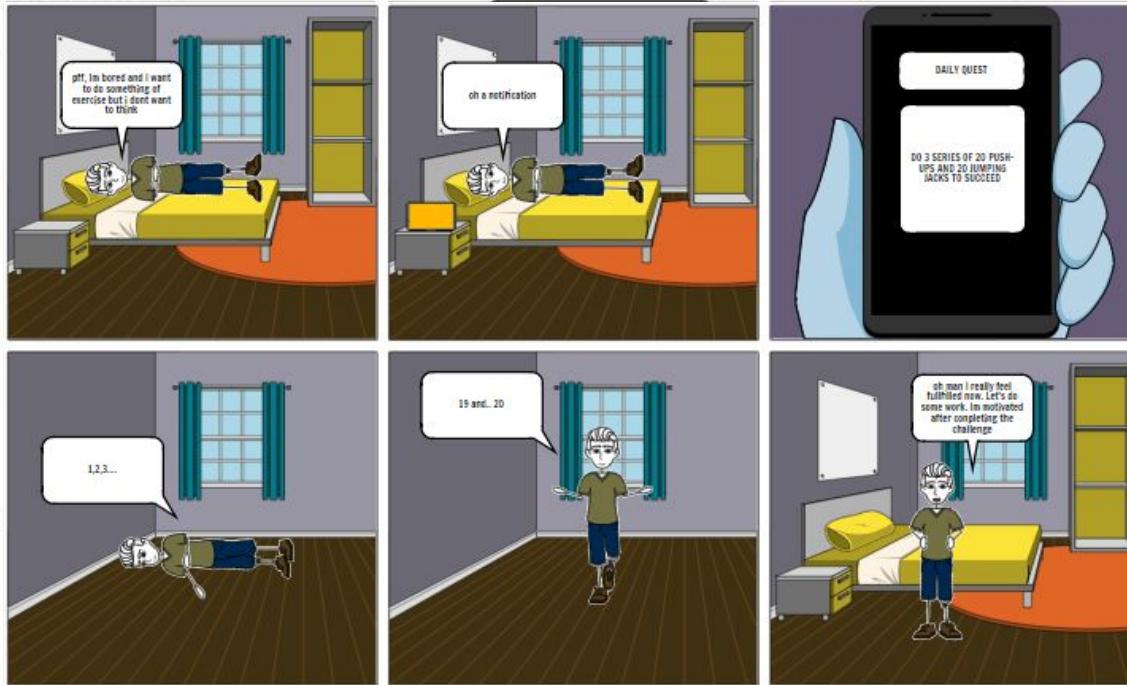
AFTER



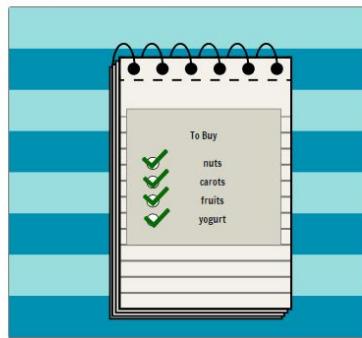
Storyboard 2



Storyboard 3



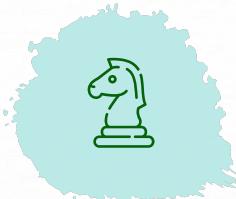
Storyboard 4



Requirement specification



Calendar



Profile



Login and Register



Non-functional

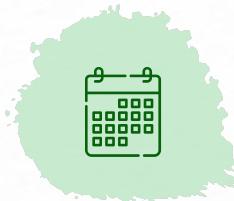
Calendar Requirements

User story 1 : creating periodic events

As a user, I want to create daily and monthly events so that I can organize my schedule and don't forget anything

Requirement 1C

The calendar page show daily and weekly views.



User story 4 : random daily quest

As a user, I want to receive one random quest everyday because I want to keep my motivation.

Requirement 11C

The application should send one quest to the user everyday

Profile Requirements

User story 3 : rewarding the user

As a user, I want to get all kinds of rewards so I can keep my motivation.



Requirement 1P

The profile page show information about the user and option to modify it.

User story 14 : deleting account

As a user, I want to delete my account to delete all the records in the database.

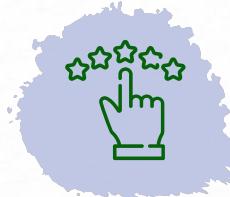
Requirement 2P

The profile page should let the user delete the account.

Login and Register Requirements

User story 13 : creating an account

As a user, I want to create an account so I can use the application.



Requirement 1L

After downloading the application, the system should ask for login or registration to identify the user

Non-Functional Requirements

User story 2 : beautiful interface

As a user, I want a beautiful interface because I want to enjoy the views when I am using the application.



Requirement 1NF

The application should look beautiful and stress-relieving

User story 11 : getting good advice

As a user, I want to receive tips with healthy information so I can be more informed and enjoy more the application.

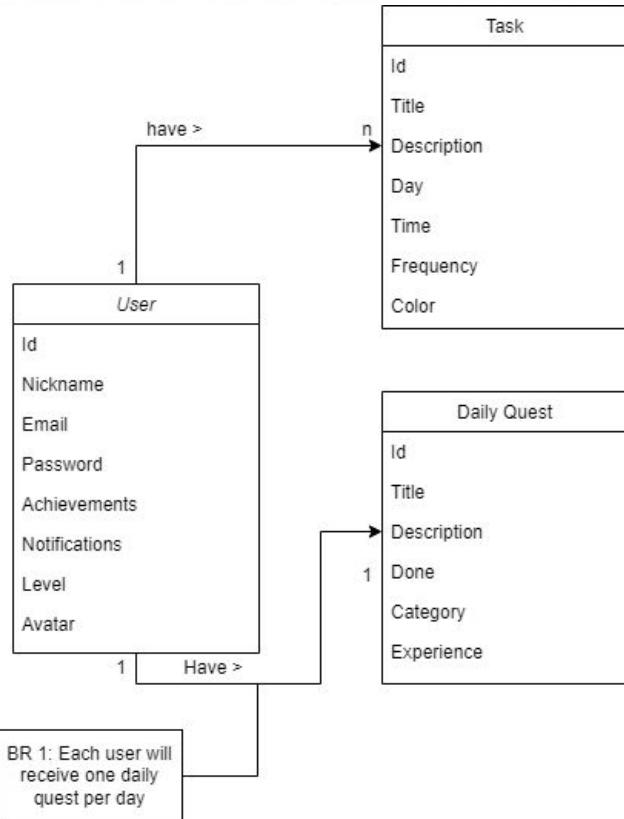
Requirement 11NF

The application should be positive.

04

Conceptual models

UML



Mockup : welcoming the user



9:27

Welcome to

QUEST

CALENDAR

LOG IN

REGISTER

mail@example.com

SIGN UP

By signing up, you agree to Photo's [Terms of Service](#) and [Privacy Policy](#).

q w e r t y u i o p
a s d f g h j k l
z x c v b n m
123 space return
!

9:27

Register

Username

.....

NEXT

q w e r t y u i o p
a s d f g h j k l
z x c v b n m
123 space return
!

9:27

Register

Username

.....

LOG IN

q w e r t y u i o p
a s d f g h j k l
z x c v b n m
123 space return
!

Mockup : calendar



Mockup : calendar

9:27

New Task

TITLE

DESCRIPTION

DAY

TIME

FREQUENCY

8

9:27

DAILY QUEST

EASY SPORT 1

DESCRIPTION

TYPE

8

9:27

DAILY QUEST

EASY SPORT 1

DESCRIPTION

TYPE

8

Mockup : user

9:27



SavageLemon

SAN FRANCISCO, CA

EDIT PROFILE

ACHIEVEMENTS

NOTIFICATIONS

CHANGE AVATAR

LOG OUT



9:27

Avatar

HEAD

< >



BODY

< >



JEANS

< >



UPDATE



9:27

Edit Profile

DO YOU WANT TO RECEIVE NOTIFICATIONS?

Yes



UPDATE



9:27

Edit Profile

NAME

SavageLemon

MAIL

example@mail.com

PASSWORD

CONFIRM PASSWORD

DELETE ACCOUNT





05

Design decisions

Firebase

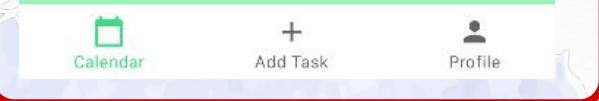
- Authentication
- Realtime Database



Firebase

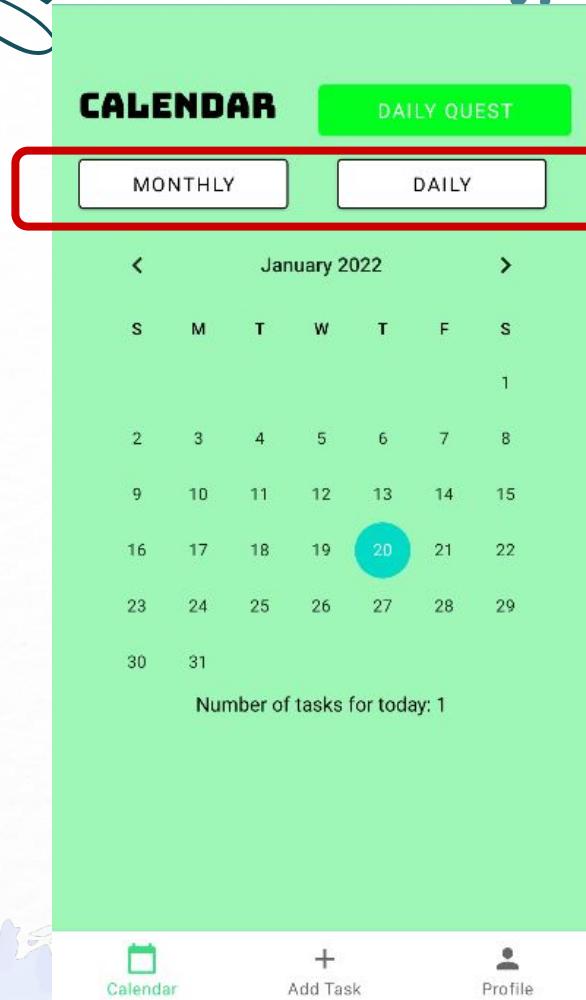
Bottom Navigation View

- Simple organisation of the app



Monthly View and Daily View Fragments

- Constant access to Daily Quest
- Easy to modify and to manipulate



Customization

- Character selection
- Experience system



06

Results

Quest Calendar



Conclusion Questions

