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1\Feasibility Study & Project Proposal

Introduction

At this time, phones and smart devices are taking up a lot of our time and real life, and our application aims to make the reality of our lives away from smart phones and bring us back to our current reality, that idea will be explained in Solution.

Problems

In our time it has become difficult to bring us to our current reality away from our phones, and it's difficult to find answers to our questions from reliable sources or people with previous experiences and expertise, We may also need to make friends with people close to us. So, this app is designed in order to solve those problems.

Background

We tried to find new and helpful idea to solve those problems, that can be implemented by our new application, its name expresses its purpose "Face2Face".

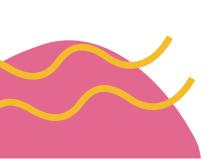
1\Feasibility Study & Project Proposal

Proposed solution

The goal of our idea is to bring us back to our current reality by discovering people around you who have the same interests as you. One of the most important advantages of the application is the ability to determine your location, to allow meeting people around you, by locating you using the map. Face2Face made to help people to make new relationship out of social media and provide new activities with new person near you at any time you need. Face2Face includes all aspects of life, whether it is basic needs, entertainment, social, marketing, and others. Face2Face here to make your life better.

Work Plan

Task	Start	End	State
Feasibility study & Project proposal	6 Apr	10 Apr	Done
Requirement gathering	12 Apr	14 Apr	Done
Functional & non Functional requirements	15 Apr	20 Apr	Done
Jira project	30 May	6 Jun	Done
User Story & acceptance criteria	2 Jun	7 Jun	Done



2\System Requirements

• Requirements gathering: Technique & Results

The technique we used: Questionnaires

Because:

- The number of users of the application is very large and of different ages and genders, so it is difficult to take a sample from each category.
- Our goal is to develop the application and make it in the best version, so it is important to allow users to express their opinions and take their suggestions.

The questionnaire link







19-19- ماهي الإضافات او الاقتراحات التي تعتقد انها سوف تساعدنا في تحسين جودة البرنامج؟ 10 responses



Functional requirements

NO	descreption	complexity	priority
R1	The user shall enter his/her personal info, location and interests.	low	high
R2	The system shall suggest friends for the user according to his/her location and common interests.	high	high
R3	The user can search for a job by near and apply to it.	low	high
R4	The system shall allow the users to communicate throw chat, voice and video call.	mid	high
R5	The user can add or remove friends from his/her friend list	mid	mid
R6	The system shall allow the users to share their news and interact with each other.	low	mid

NO	descreption	compliexity	priority
R7	The user can report any nuisance and abuse throw the complaints section.	mid	high
R8	The user can reset the password using email or phone number	mid	mid



non-functional requirements

NO	descreption	complexity	priority
R9	The app is available 24/7	mid	high
R10	Each click takes 0.4 sec to move to the next page	mid	high
RII	The password should contain 8 characters include (capital letter, small letter, number, special character ex:*)	low	high
R12	The user have the choice to make some information invisible to other users.	low	low
R13	All the chats between the users are private.	high	high
R14	The system shall be available on different types of OS.	mid	high

NO	descreption	complexity	priority
R15	The user shall be able to use the system correctly after 2 hours.	mid	mid
R16	The system support English and Arabic languages.	mid	high

jira project

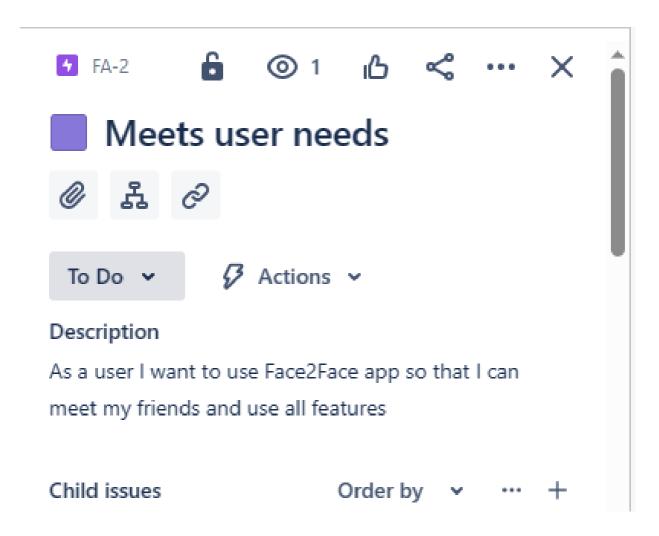
a. create jira account

Jira account and project link



Epic & User stories

Epic 1: meets user needs



Stories in this epic:

complete user information

Description • Unsaved changes

USER STOTY: As a user I want to enter my information, so that I can meet people similar and near to me.

AC(1)-POSITIVE SCENARIO

Given: the user in profile page

When: the information was entered

Then: the information was successfully saved

AC(2)-NEGATIVE SCENARIO

Given: the user in profile page

When: The user didn't write (all) the information

Then: the information wasn't saved and a message

appeared that there was missing information

suggest friends for the user

Description

<u>USER STOTY:</u> As a user I want to find suggested friends, so that I can choose new friends

AC(1)- POSITIVE SCENARIO

Given: the user in friends page

When: the location was determined and hobbies were written

Then: nearby friends were found

AC(2)- NEGATIVE SCENARIO

Given: the user in friends page

When: the user entered numbers instead of words

Then: Location not found, so there are no friends nearby

search for a job

Description

<u>USER STOTY:</u> As a user I want to search for new job by near, so that I can find a suitable job.

AC(1)- POSITIVE SCENARIO

Given: the user in search page

When: the location is determined

Then: the available jobs near home are shown

AC(2)-NEGATIVE SCENARIO

Given: the user in search page

When: the user specified the country and didn't specify the region

Then: All available jobs in the world are displayed

users communication with friends

Description

<u>USER STOTY</u>: As a user I want to communicate my friends, so that I can make chat, voice and video call.

AC(1)- POSITIVE SCENARIO

Given: the User in the page of communicating with friends

When: The user and his friend communicate

Then: They talk to each other

AC(2)- NEGATIVE SCENARIO

Given: the User in the page of communicating with friends

When: The user didn't allow the application to access the camera or mice

Then: The user talks but his voice isn't heard

Edit friends list

Description

USER STOTY: As a user I want to edit my friends list, so that I can modify my list.

AC(1)-POSITIVE SCENARIO

Given: the user in friends page

When: The user want to removes or adds a friend

Then: Removed or added successfully

AC(2)-NEGATIVE SCENARIO

Given: the user in friends page

When: The user hasn't selected the friend he wants to remove

Then: No friend has been removed or added

Sharing and posting

Description

<u>USER STOTY:</u> As a user I want to post my news, so that I can interact with my friends.

AC(1)- POSITIVE SCENARIO

Given: the user in timeline page

When: The user shares his news

Then: Friends interact with the post

AC(2)- NEGATIVE SCENARIO

Given: the user in timeline page

When: The user didn't add any friends yet

Then: There is no interaction on the post

Report a problem

Description

As a user I want to report a problem I met, so that it will be fixed

AC(1)-POSITIVE SCENARIO

Given: The user in report page

When: The user writes the problem correctly

Then: The problem will be fixed

AC(2)-NEGATIVE SCENARIO

Given: The user in report page

When: The user did not properly explain his problem

Then: The problem cannot be understood, and therefore it will not be fixed

modify user information

Description

As a user I want to modify my information, so that I can update my account info

AC(1)-POSITIVE SCENARIO

Given: The user in profile page

When: The user modify his information

Then: The information is updated

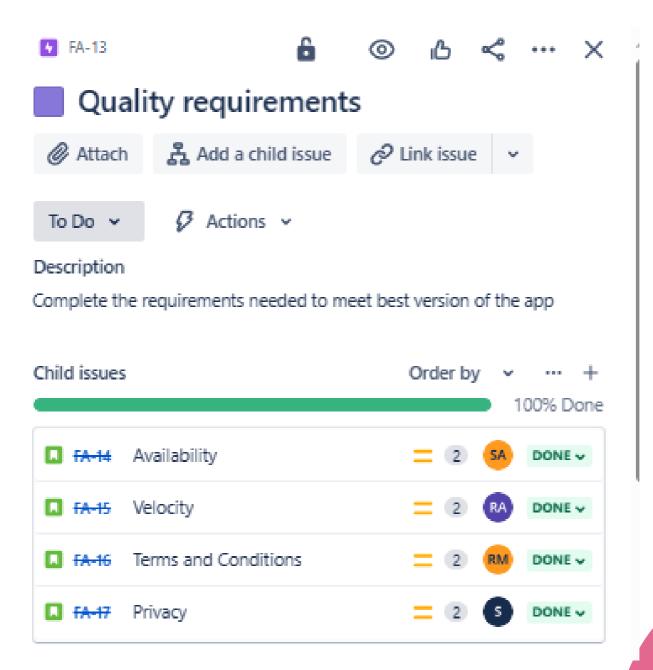
AC(2)-NEGATIVE SCENARIO

Given: The user in profile page

When: The user did not click the "Save" button

Then: The information was not updated

Epic2: Quality requirements



Stories in this epic:

Availability

Description

As a user I want the app to be available 24/7, so that I can use it any time I need

AC(1)-POSITIVE SCENARIO

Given: The app is available

When: The user is using the App

Then: The user can use the app at anytime

AC(2)-NEGATIVE SCENARIO

Given: The app is available

When: The user is not connected to Wi Fi

Then: The user can not use the App

Velocity

Description

As a user I want the app to be quick, so that I can use it comfortably

AC(1)-POSITIVE SCENARIO

Given: The user in home page

When: The user wants to go to the search page

Then: The application moves smoothly

AC(2)-NEGATIVE SCENARIO

Given: The user in home page

When: When the user's Wi-Fi is not good

Then: The app will be slow in responding

Terms and conditions

Description

As a developer I want user to follow the condition, so that my app would be safe

AC(1)-POSITIVE SCENARIO

Given: The app is safe

When: The development write the conditions and terms

Then: The user follows the conditions

AC(2)-NEGATIVE SCENARIO

Given: The development write conditions and terms

When: The user does not follow the conditions and terms

Then: The app will be less safe

Privacy

Description

As a user I want my information to be private, so that I can protect myself

AC(1)-POSITIVE SCENARIO

Given: The user in profile page

When: The user change account state to "Private"

Then: User information will be private

AC(2)-NEGATIVE SCENARIO

Given: The user in profile page

When: The user didn't presses "Save" after change account state

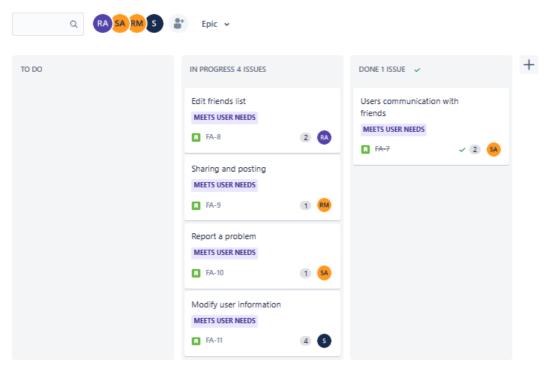
Then: The information is not changed to private

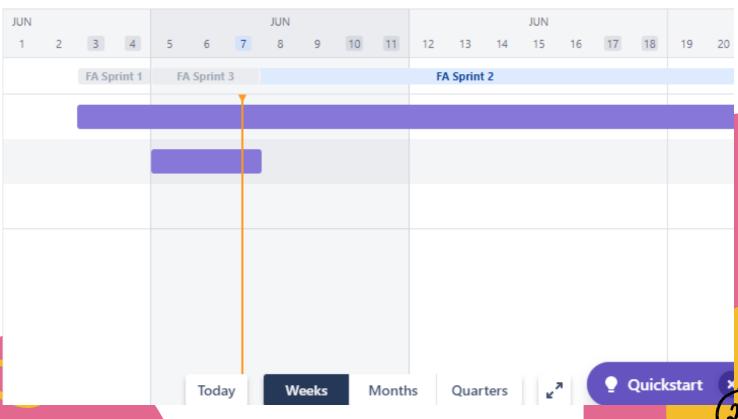
create sprint

Sprint 1 & Sprint 3 are done, Sprint 2 in progress

Projects / Face2Facee



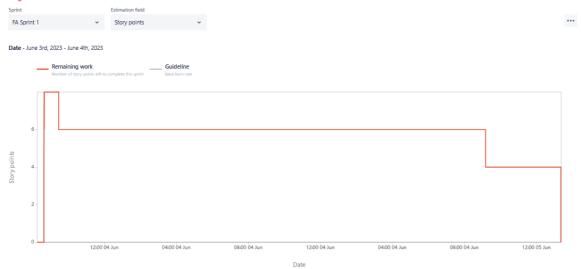




view report

Report: FA Sprint 1

sprint burndown chart:

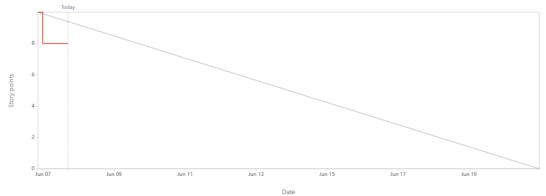


Date - June 6th, 2023 - June 20th, 2023

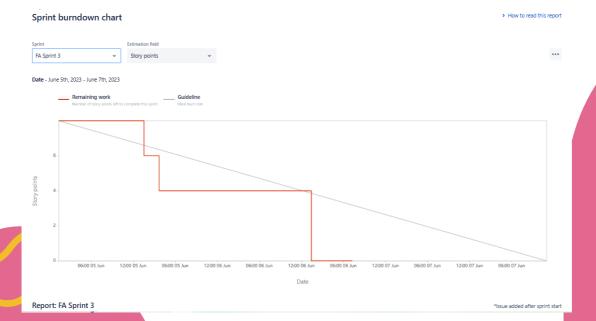
— Remaining work
Number of story points left to complete this sprint libes burn rate

Today

*Issue added after sprint start



Report: FA Sprint 2 "Issue added after sprint start

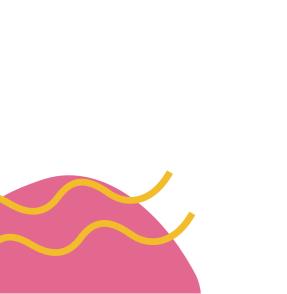


Velocity report

Projects / Face2Facee / Reports

Velocity report > How to read this report





Group project requirements User story & acceptance criterion

Complete user information

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