Capstone_Stage1

GitHub Username: https://github.com/AuraLoredana

App NAME: TCB (abbreviation from Taxiul cu Bomboane)

Description

TCB it is a mobile app for a Nonprofit organization, that helps children from hospitals, by attracting donations and/or volunteers. The app has also a chat, implemented with Firebase, in order to help volunteers to socialize. The purpose of this application is to help children from the Romanian hospitals and convince people to join the organization and to make a change in the Health System of Romania.

Who is your intended user?

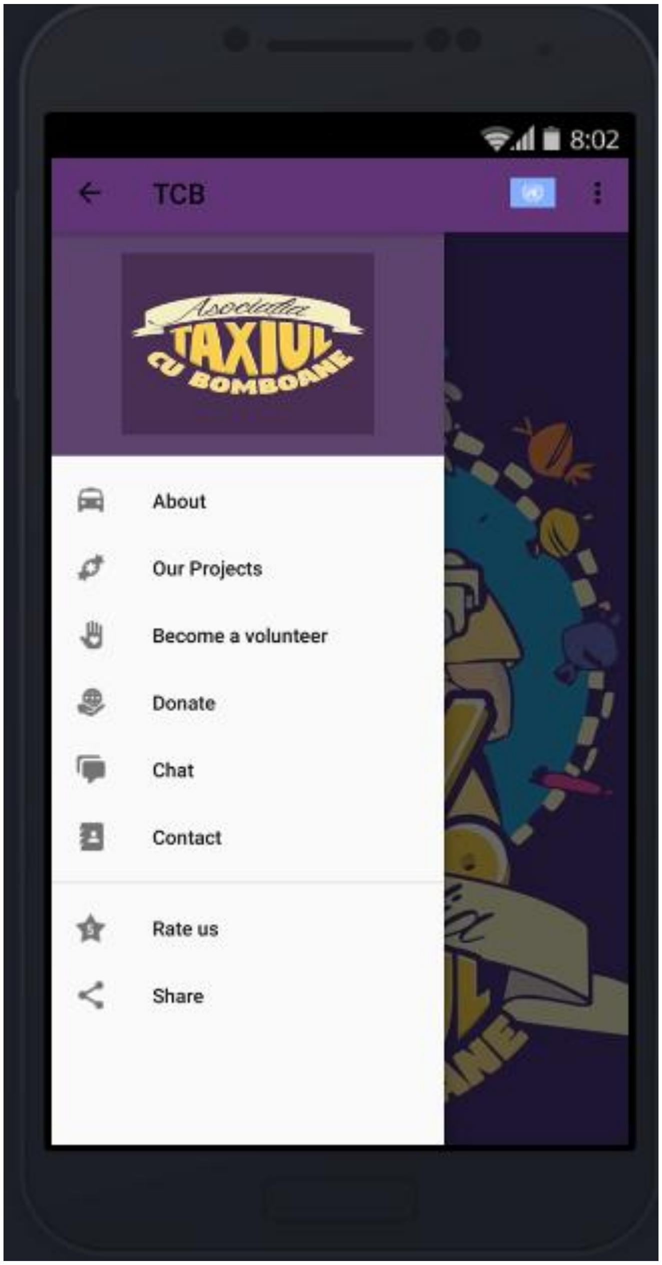
This app it si for everyone that wants to help, whether it is through a donation, or join us as a volunteer in hospitals.

- Features
- Saves information
- Chat
- Messages
- E-mail
- Login
- Registration
- Share
- Rating

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Google Drawings, www.ninjamock.com, Paper by 53, Photoshop or Balsamiq.

Screen 1

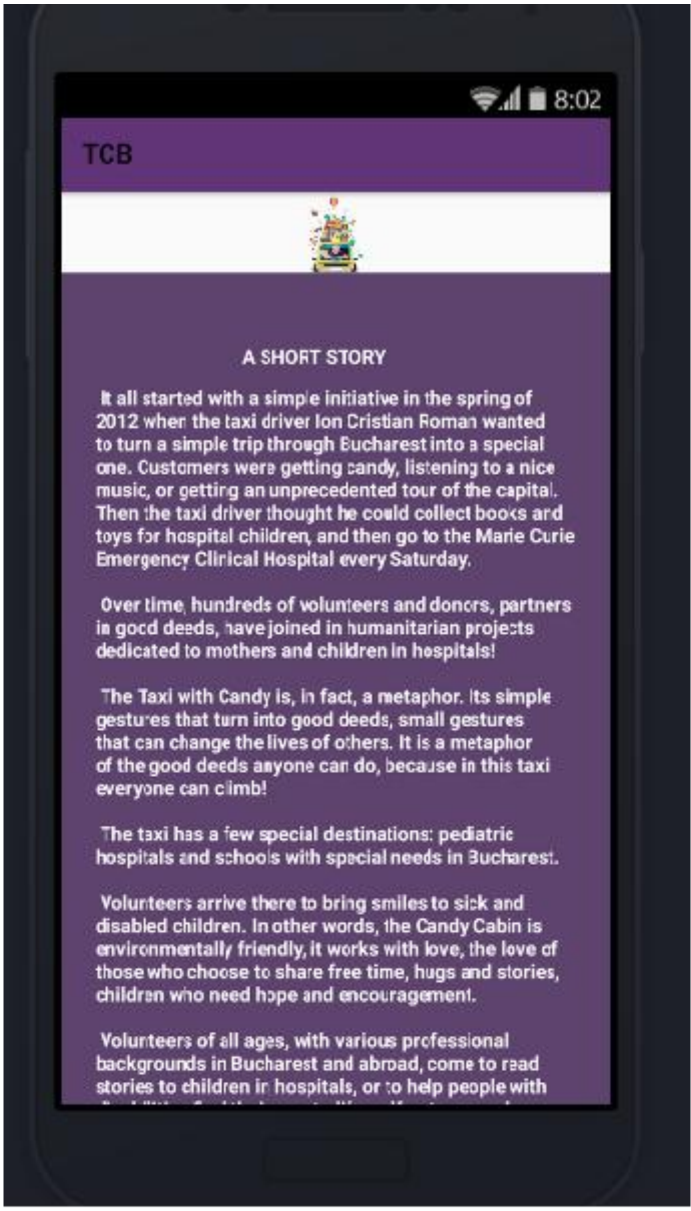


8:02

TCB

Asociatia TAXIUL CU BOMBOANE

Menu on the left: Navigation Drawer Menu



A SHORT STORY

It all started with a simple initiative in the spring of 2012 when the taxi driver Ion Cristian Roman wanted to turn a simple trip through Bucharest into a special one. Customers were getting candy, listening to a nice music, or getting an unprecedented tour of the capital. Then the taxi driver thought he could collect books and toys for hospital children, and then go to the Marie Curie Emergency Clinical Hospital every Saturday.

Over time, hundreds of volunteers and donors, partners in good deeds, have joined in humanitarian projects dedicated to mothers and children in hospitals!

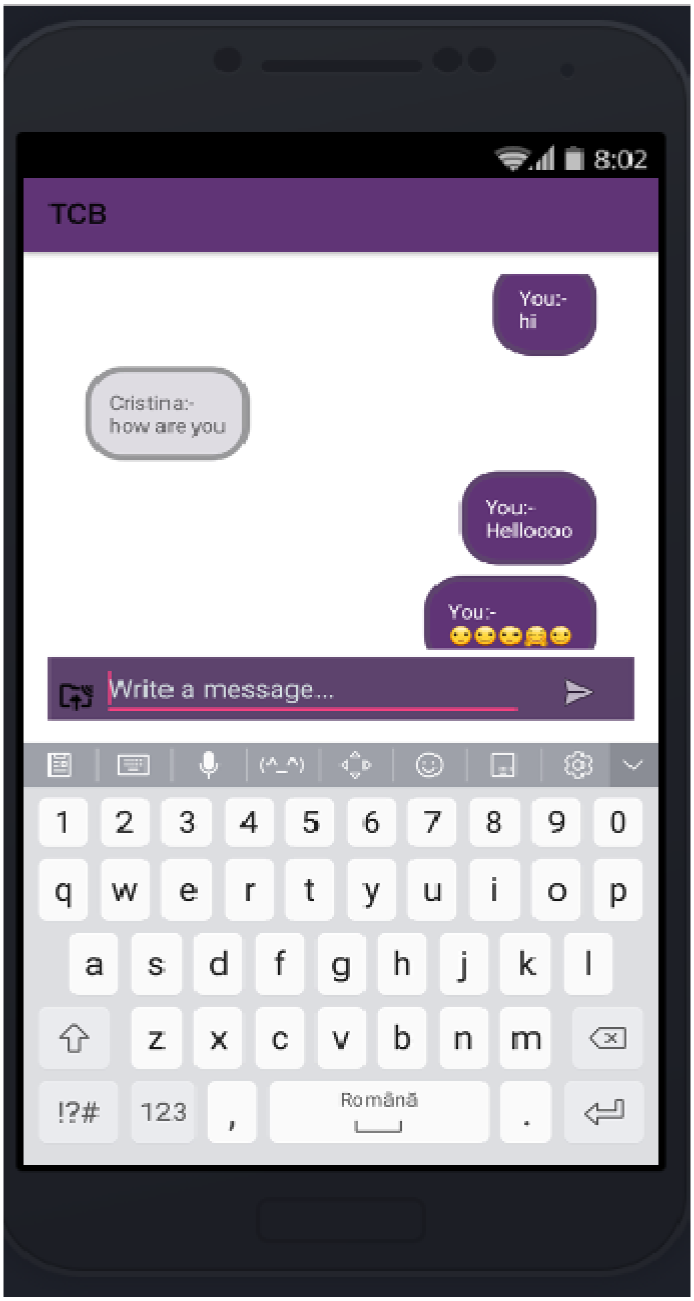
The Taxi with Candy is, in fact, a metaphor. Its simple gestures that turn into good deeds, small gestures that can change the lives of others. It is a metaphor of the good deeds anyone can do, because in this taxi everyone can climb!

The taxi has a few special destinations: pediatric hospitals and schools with special needs in Bucharest.

Volunteers arrive there to bring smiles to sick and disabled children. In other words, the Candy Cabin is environmentally friendly, it works with love, the love of those who choose to share free time, hugs and stories, children who need hope and encouragement.

Volunteers of all ages, with various professional backgrounds in Bucharest and abroad, come to read stories to children in hospitals, or to help people with

Description about the company “Taxiul cu Bomboane”. I have implemented a parallax efect.



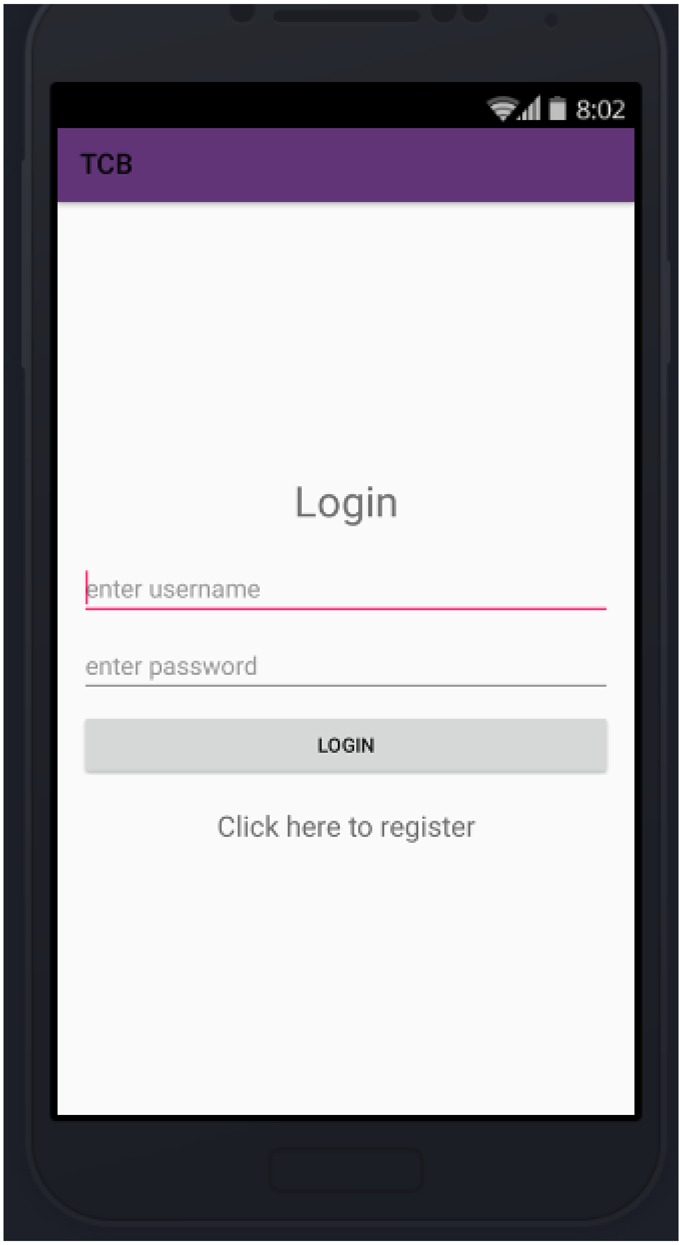
You:-
hii

Cristina:-
how are you

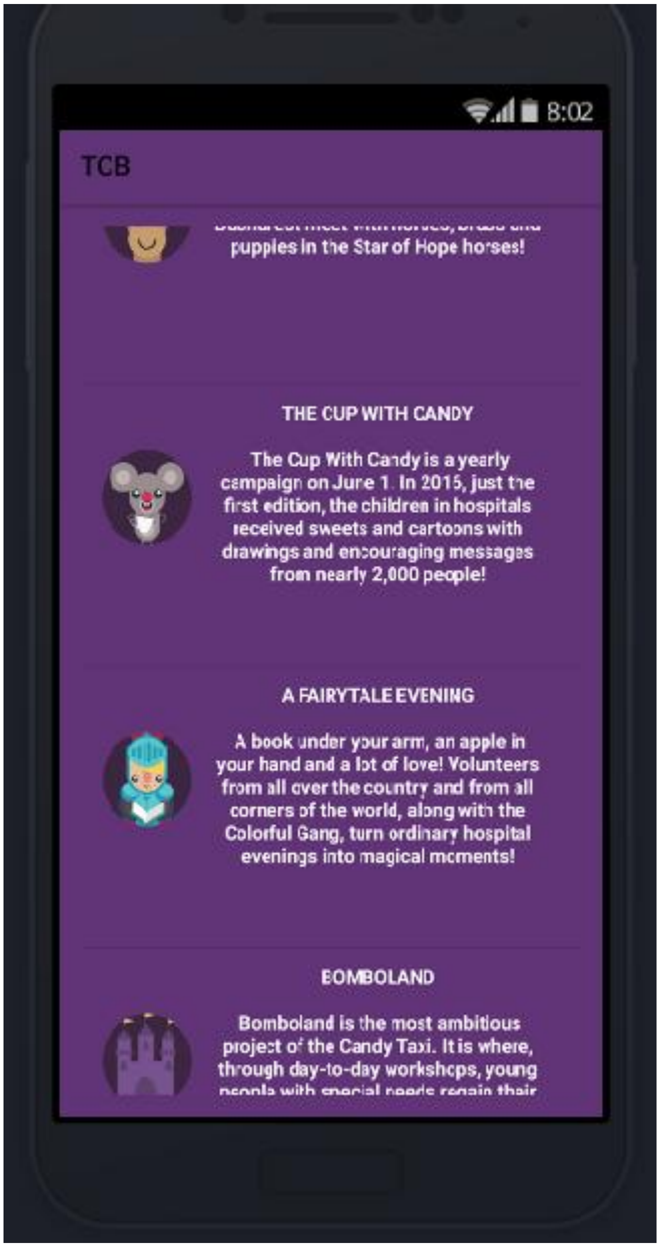
You:-
Helloooo

You:-
😐😐😔😤😐

Chat box



Login Screen



Bucharest meet with horses, brass and puppies in the Star of Hope horses!

THE CUP WITH CANDY

The Cup With Candy is a yearly campaign on June 1. In 2015, just the first edition, the children in hospitals received sweets and cartoons with drawings and encouraging messages from nearly 2,000 people!

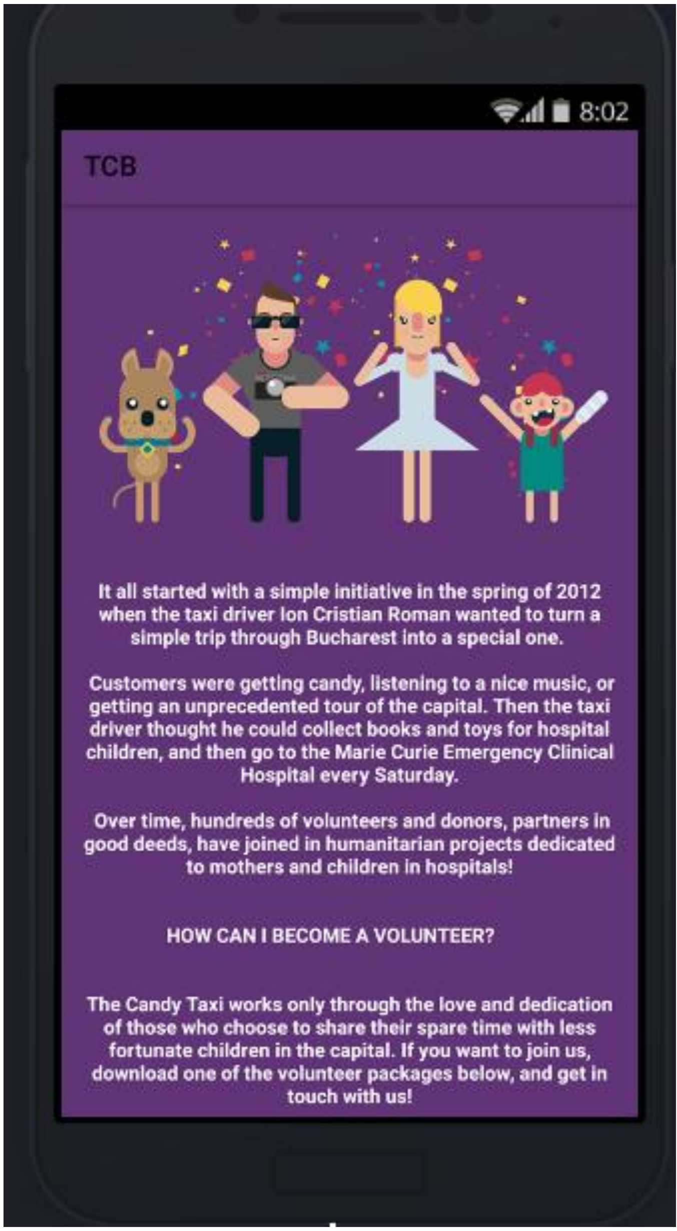
A FAIRYTALE EVENING

A book under your arm, an apple in your hand and a lot of love! Volunteers from all over the country and from all corners of the world, along with the Colorful Gang, turn ordinary hospital evenings into magical moments!

BOMBOLAND

Bomboland is the most ambitious project of the Candy Taxi. It is where, through day-to-day workshops, young people with special needs regain their

List of projects with images



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HOW CAN I BECOME A VOLUNTEER?

The Candy Taxi works only through the love and dedication of those who choose to share their spare time with less fortunate children in the capital. If you want to join us, download one of the volunteer packages below, and get in touch with us!

Page that describes how you can become a volunteer. Also has Parallax effect.

Key Considerations

How will your app handle data persistence?

Describe how your app with handle data. (For example, will you build a Content Provider or use Firebase Realtime Database?)

I have used a Firebase Realtime Database for the implementation of the chat, login and registration of the user.

For example, how does the user return to a Now Playing screen in a media player if they hit the back button?

To return to a previous page, just press the back button on their phone.

Describe any libraries you’ll be using and share your reasoning for including them.
I have used the following libraries:

implementation 'com.google.firebase:firebase-core:15.0.2'
implementation 'com.firebase:firebase-client-android:2.5.2+'
implementation 'com.firebaseui:firebase-ui:0.6.2'
implementation 'com.google.firebase:firebase-storage:15.0.2'
implementation 'com.google.firebase:firebase-database:15.0.0'
implementation 'com.google.firebase:firebase-auth:15.1.0'
implementation 'com.mindorks:placeholderview:0.2.7' for the Navigation Drawer layout
implementation 'com.android.volley:volley:1.0.0'
implementation 'com.android.support:design:26.1.0' for DrawerLayout that creates a navigation drawer
implementation 'com.android.support.constraint:constraint-layout:1.1.0' for the layouts
androidTestImplementation 'com.android.support.test.espresso:espresso-core:2.2.2' for testing

I used Firebase to implement the chat and 'com.android.volley:volley:1.0.0' for the
for Login and Register Activities. If it clicks on Login, corresponding data will be taken from URL using Volley request StringRequest(Request.Method.GET, url, new Response.Listener().
I have first created two handles of Firebase namely reference1 and reference2. When user clicks on sendButton sendButton.setOnClickListener will get implemented and required message and user will get pushed into reference1 and reference2 which will be automatically get updated in the firebase database.

Describe how you will implement Google Play Services or other external services.

I have added at the top-level of build.gradle a reference to the google() repo or to maven { url "https://maven.google.com" }

I used Firebase, by connecting my app to the Realtime Database, enabling my authntification by mail for the users registration.

For enabling Google APIs or Firebase services I added to the buld.grandle: 'com.google.gms:google-services:3.3.1'

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

- Configure libraries
- Create the Menu
- Create the Main Activities
- Connection with Firebase

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for the Descrpitive Activity named About
- Build UI for the Projects Activity
- Build UI for the Volunteering Activity (Become a Volunteer)
- Build UI for the Donation Activity
- Build UI for the Chat (Chat, User, Login, Register)
- Build UI for the Contact Activity

Task 3: Your Next Task

Describe the next task. For example, “Implement Google Play Services,” or “Handle Error Cases,” or “Create Build Variant.”

- Create 2 items at the menu: rating and sharing
- Implement the code for the Rating and Sharing Activities

Task 4: Your Next Task

- Fixing bugs and errors
- Extracting strings

- Polish the UI

Task 5: Your Next Task

- Give the app for testing
- User experience-changing some textColor and toast messages

Submission Instructions

After you’ve completed all the sections, download this document as a PDF [File → Download as PDF]

Make sure the PDF is named “Capstone_Stage1.pdf”

Submit the PDF as a zip or in a GitHub project repo using the project submission portal

If using GitHub:

Create a new GitHub repo for the capstone. Name it “Capstone Project”

Add this document to your repo. Make sure it’s named “Capstone_Stage1.pdf”