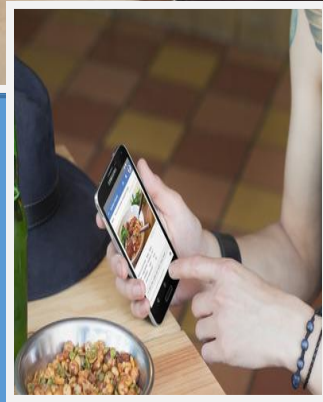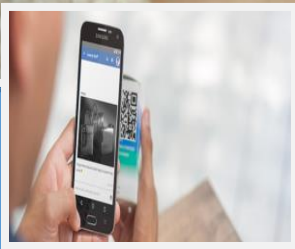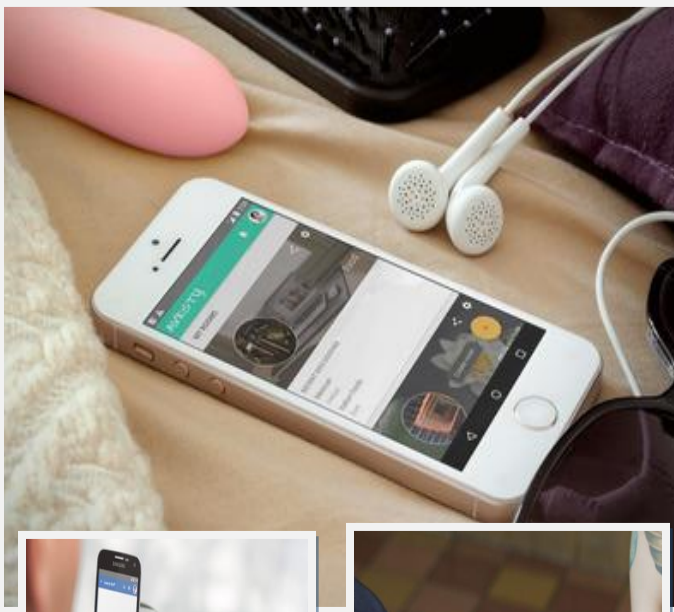# SAMPLE WORKS

MEHRDAD A.KARAMI   AUG. 2016

AVESTY

A social network both in Mobile and Web application for ordering foods, purchasing goods, searching for different communities to see what suites well. Avesty indeed helped me better understand design of a user-focused application. Understanding what user really care to, what expectation they need, were my effort to make a stylish, friendly environment.

The application needed time to apply for support and I was alone, so I let it be my experience. Our next future involves with %70 and more transaction over mobile environment, however, I was aware of having web application beside mobile application which drove me to learn how to have responsible environment.

These screenshots are real footage of Avesty.

با قابلیت های مختلف

مهرداد اله کرمی
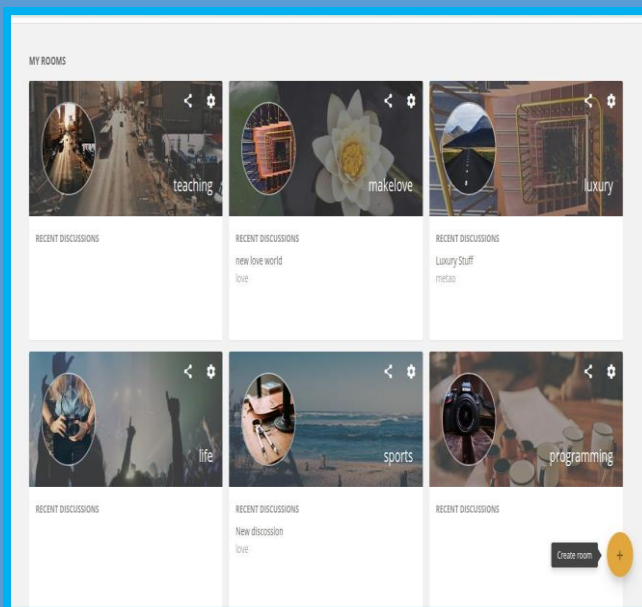
WEB CAM

A Live Webcam Viewer working with m3ua video format to synchronize what are going on around the world and bring them into mobile application. With over 80 live webcams updating every day with user expectation. To have real-time webcams showing properly for hundreds of users and deploying a robust application, my aim was to provide cutting-edge algorithms involved and deploying them into an android application was the very satisfying job. With free webcams, and some for purchasing, I was able to deploy inapp-purchase ability. Business world involves and getting along with users, feeling exciting when offering new webcams and this was feasible by deploying Google Cloud messaging into application. These are real screenshots of the app and below is a link to app in market.
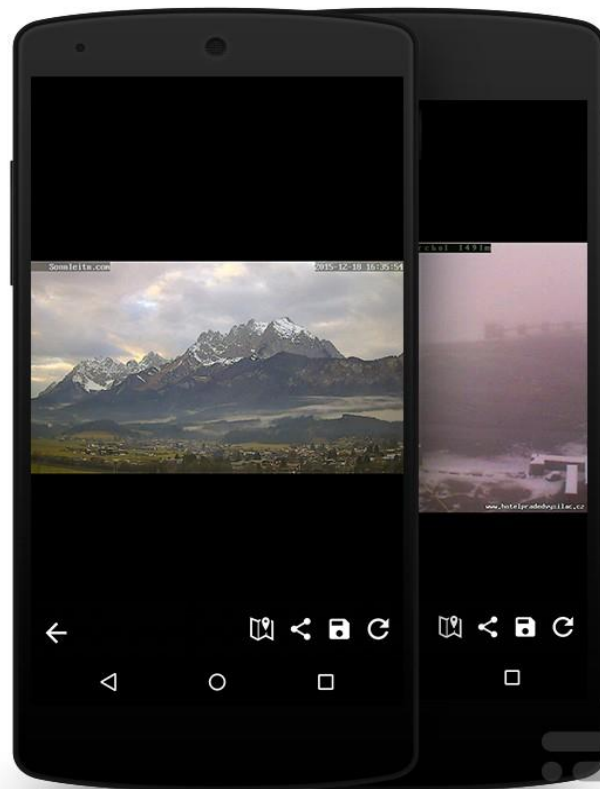
https://cafebazaar.ir/app/com. metao.webcams/?l=en
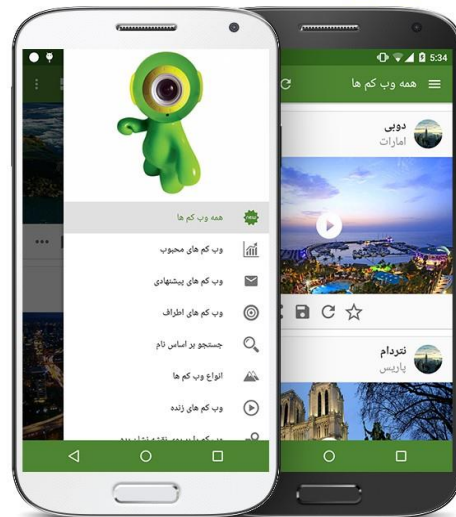
به صورت کاملا زنده و مستقیم طبیعت را ببینید

مهرداد اله کرمی
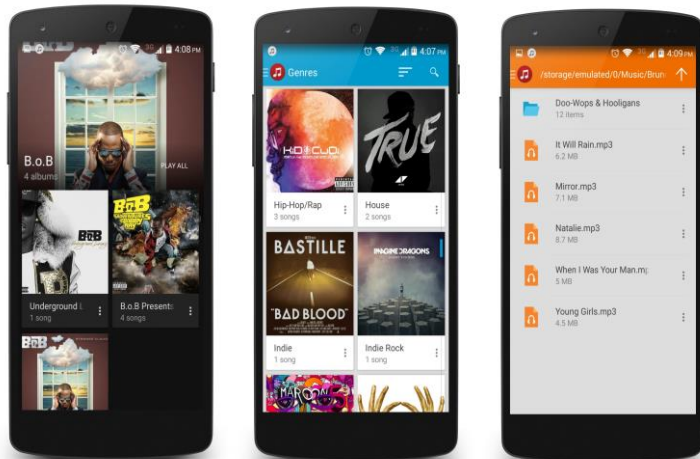
MORABAH

A music network community for all of fans and bands to communicate over a friendly place on their pocket. To have combination of powerful music player criteria and feasibilities with social network aspects, made me to develop an android application to convey this feeling to have all in one.

These screenshots are real footage of Morabah. Morabah is a sweet confection Iranian name.

SUITES

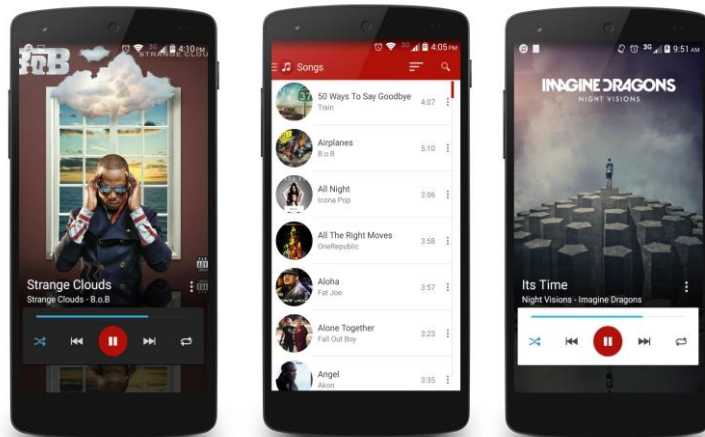With increasing of excursions and leisure from one hand, and increasing the number of mobile devices among people in anoher hand, led to make an application, so user can reserve a suite with ease and less effort. Letting know what other people experience on a specific suite makes it easy for the tenant to rent a suite with more confident and for landlord with a wider sight to whom it lease the suite. Touching advertisement among suites with identifying the proper content of advertisement to show, made this application a suitable place where the in-direct advertisement takes place. Profiling in application with another belong features convey sensation of handling of different suites from which to see and which to like.
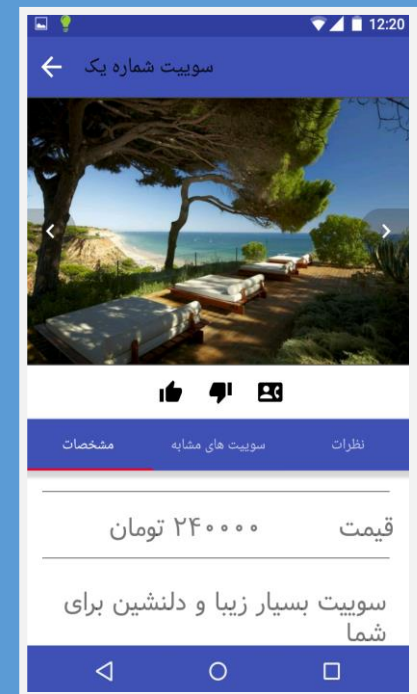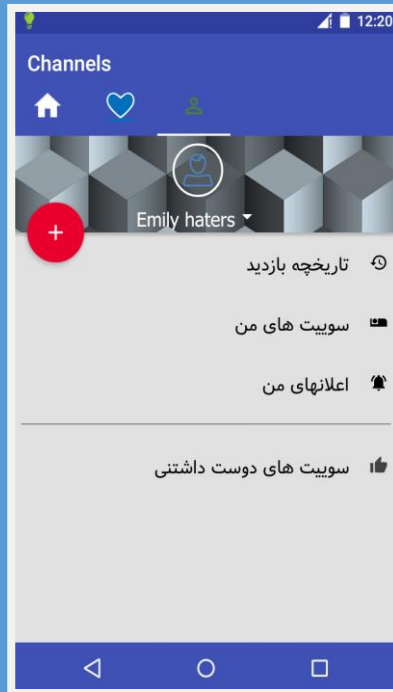
Shuresh Pitza

An android game for Persian game local market. Simply the first practical experience in AI-Artificial Intelligence-algorithms has deployed in this game. The scenario goes like a chief once realize got angry by his pizzas and he intends to fight back. The algorithms summarize into path finding and genetic, and strategies involve selecting the best movements. This game was the successful game of year with over 5,000 downloads in the local market area.

The game is available to download at below address:

https://myket.ir/app/com.meta o.shureshpitza/?lang=en
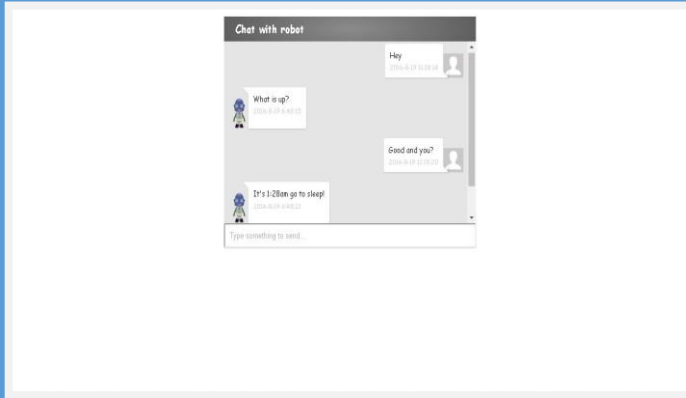
Gavaldi

A scholar application, a robot to act as human being as part of operating system. The robot simply recognize best place to fit new files and folders and helping the human to response to new incoming messages when he or she is off. With aiming of filters and image recognition algorithms it could able to track objects, icons and make proper decisions. Although the app paused for some other scholar investigation, I would like to one day see this app works and aims humans and simply we could call an intelligent Operating System by then.

The outer-layer of robot which is responsible to answer predefined requests is a service-oriented layer. The robot simply response to questions on chatty basis enevironment.Demo: https://robotchat.herokuapp.com

Other Released Apps and Games

There are other released apps and games which are going to be declared as a simple link below, because of giving simplicity to this document. The apps involve, binaural bnrain wave simulator, other mobile app unilities and games:

https://cafebazaar.ir/developer/metao/?l=en

Cardione
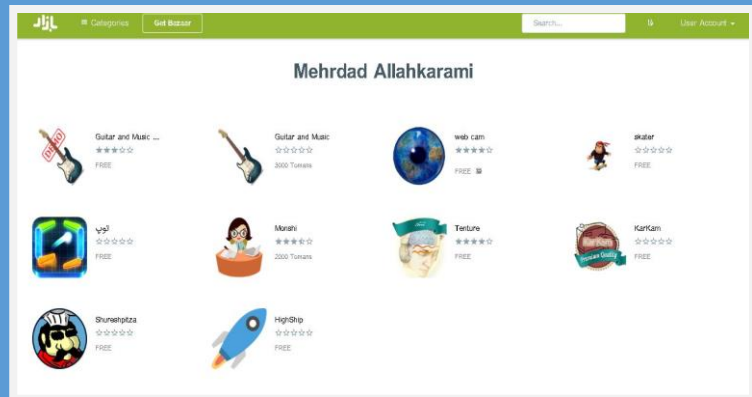
In company I worked for, the only thing we were seeking for was how to increase quality of data manipulation.

For processing high requests, especially when we had huge servers, it came to suffer from network bottleneck and processing one handle per request, because the servers were so strong on their own, however, we could not reach to the highest data integrity. We decided to split requests and follow each request on a simulator we were designed to make sure we had the highest integrity factor. So by making smart network mesh we rated the server's performance, beside by decreasing the performance the simulator was able to change the server input or output channels, numbers of servers and nodes. The virtual servers could be completely stateless, so finding new server or losing any server could change the mesh network intellectually.