

Feasibility Study

“Sweet Home” Application

Software Cheetahs Team

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**Software
Cheetahs**

OUR TEAM

“Software Cheetahs” is the combination of
“Software” & “Cheetahs”.

So, We are professional programmers who
can code like cheetahs and move fast!



ABOUT THE PROJECT

"Sweet Home" is a comprehensive reservation application for hotels, guesthouses & accommodations that covers all needs of travelers across the country.

The effort of the developers in this program is to meet the most important predictable needs of travelers to a good extent.



ABOUT THE PROJECT

In this app, a platform for the exchange of information between accommodation owners and customers is provided and its information is updated by the employers of each residence.

Our goal is to facilitate passengers' access to their needs.

FUTURE



BRANDING



POSITIONING



ADAPTABILITY



PROJECT SCOPE



Profile & Friends

Add & remove
friends, profile views



Accommodation Search

Last minute
accommodation
around the globe



Map Implementation

Map visualization &
search accommodation

PROJECT SCOPE (Continued)



Real-time Messaging

Add, receive, update
& reply messaging



Real-time Alerts & Notifications

Push notification
implementation



Rating, Reviews & Favorites

Experience sharing
among users

TARGET AUDIENCE

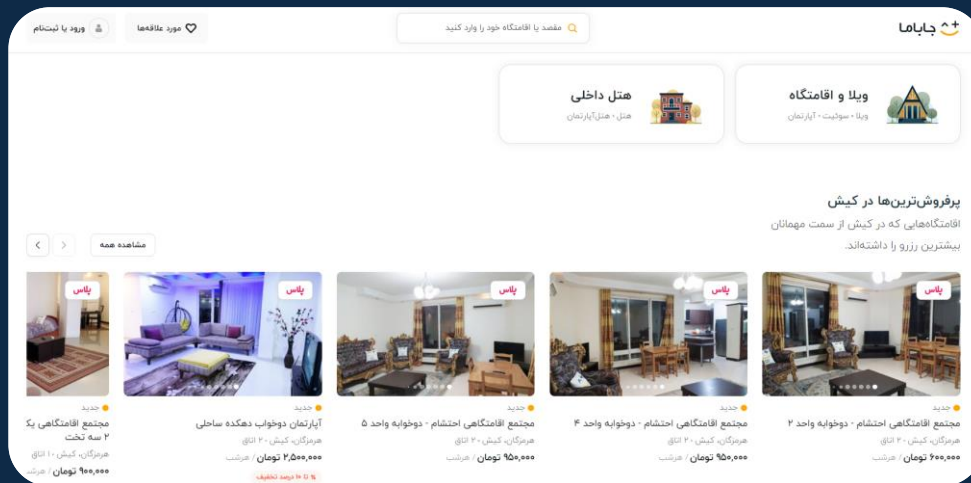
- **Passengers**
 - All of the people who want to travel can use this app & rent where they want.
- **Accommodations**
 - Accommodations owners can use this app to accept passengers in their places.



SIMILAR PRODUCTS

Jabama App:

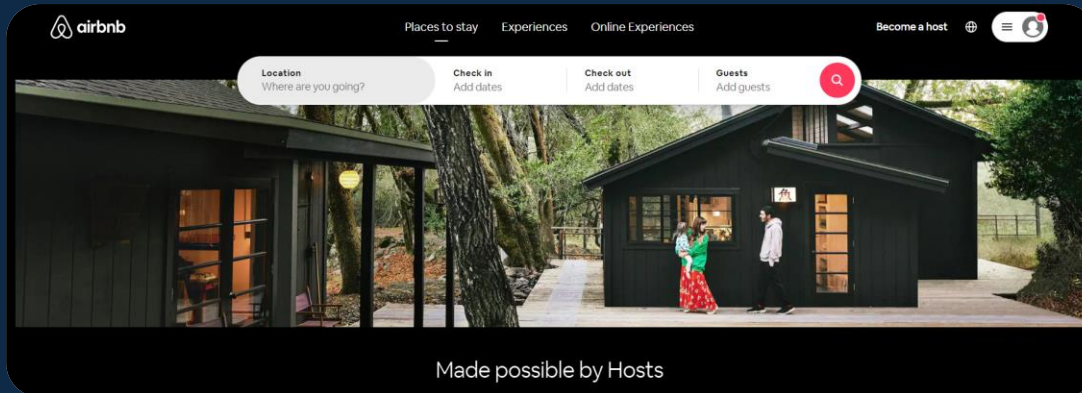
- Link: <https://www.jabama.com>



SIMILAR PRODUCTS

Airbnb App:

- Link: <https://www.airbnb.com>



TECHNOLOGY STACKS

Front-end (Website):

- For front-end developing of website, we use **ReactJS**, that is an open-source, front-end, JavaScript library for building user interfaces (UI) components & is maintained by Facebook.



TECHNOLOGY STACKS

Front-end (Mobile):

- For front-end developing of smartphones, we use **Flutter**, that is an open-source UI software development kit created by Google.




TECHNOLOGY STACKS

Back-end:

- For back-end developing, we use **Django**, that is a Python-based free and open-source web framework that follows the model-views-template (MVT) architectural pattern.





“To win big, you sometimes
have to take big **risks**.”

—BILL GATES

RISKS

Human Risks:

- A member of the group gets sick or is unable to continue working at some point in time.
- Discussion and frustration between group members
- The problem of correct and principled communication between group members



RISKS

Technical Risks:

- Google may increase its sanctions for “Cross Platform Flutter”. Even add a few libraries and modules. (We use VPN)
- The application may encounter errors and crises on the iOS devices. Because there is no mac device in our group to test.
- Current “App Store” sanctions against Persian language apps may be intensified.
- “Dart” language, although it has a cross platform, but the libraries in Android may not work in iOS and vice versa.



RISKS

Marketing Risks:

- Due to the COVID-19 epidemic, the number of trips made by passengers has dropped dramatically.
- The ads in the app may be less than 1% and this means failure in the ads.
- Similar programs may be able to engage our target audience better and more.



FINALLY

Despite the existence of similar programs for the needs of travelers in the country and considering the 6 aspects examined in the analysis and design stages of the project, we believe that this project can play an important role in facilitating the needs of travelers & **we imagine a good future for it.**



**Software
Cheetahs**



THANKS!

Does anyone have any question?