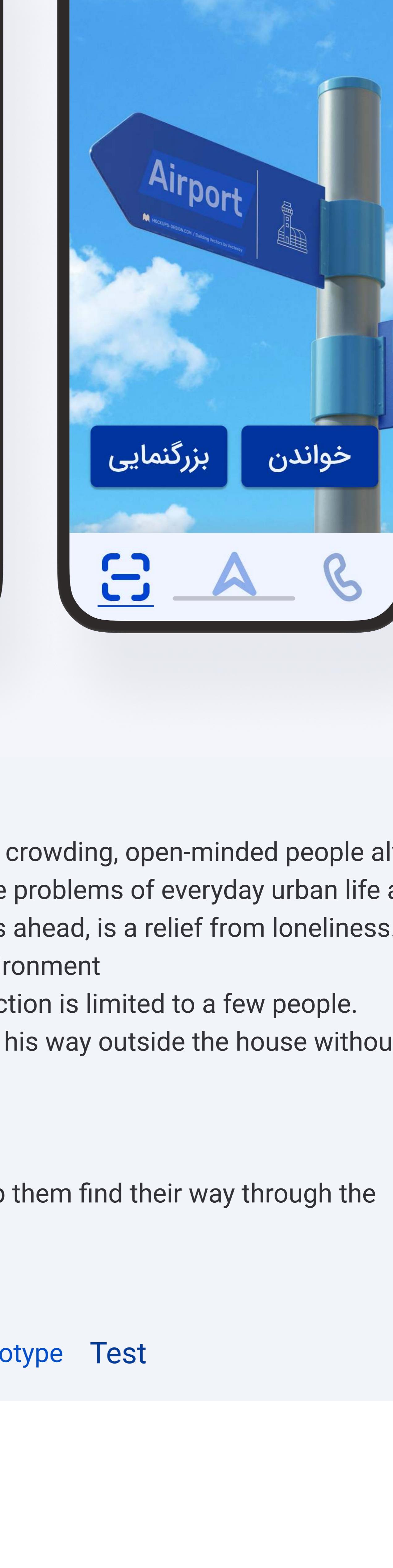
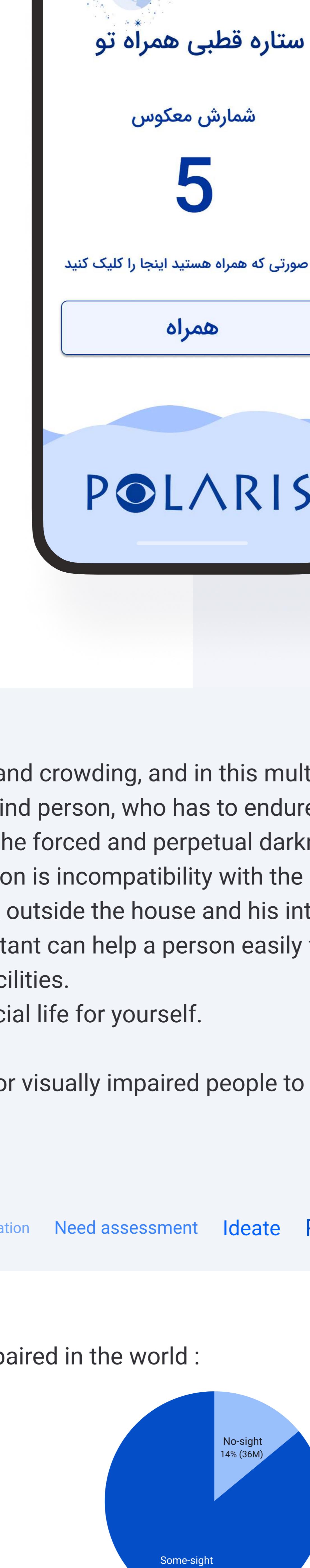


MOBILE APP

POLARIS



Brief

Our cities are circles of crowding and crowding, and in this multiple crowding, open-minded people always face many difficulties. Life for a blind person, who has to endure the problems of everyday urban life and its inherent sufferings, also endures the forced and perpetual darkness ahead, is a relief from loneliness. This loneliness deepens when the person is incompatibility with the environment. His physical strength cannot work outside the house and his interaction is limited to a few people. Here, an electronic software assistant can help a person easily find his way outside the house without the need for special and expensive facilities. Slow down and create a better social life for yourself.

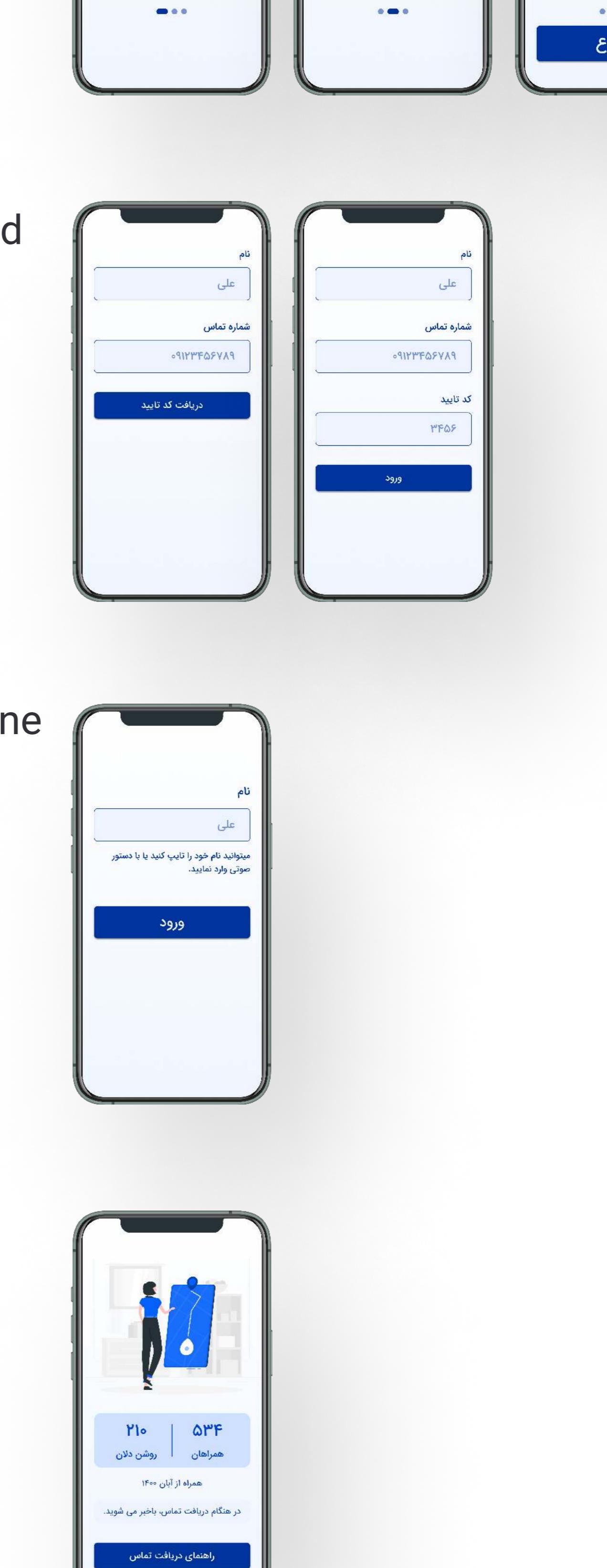
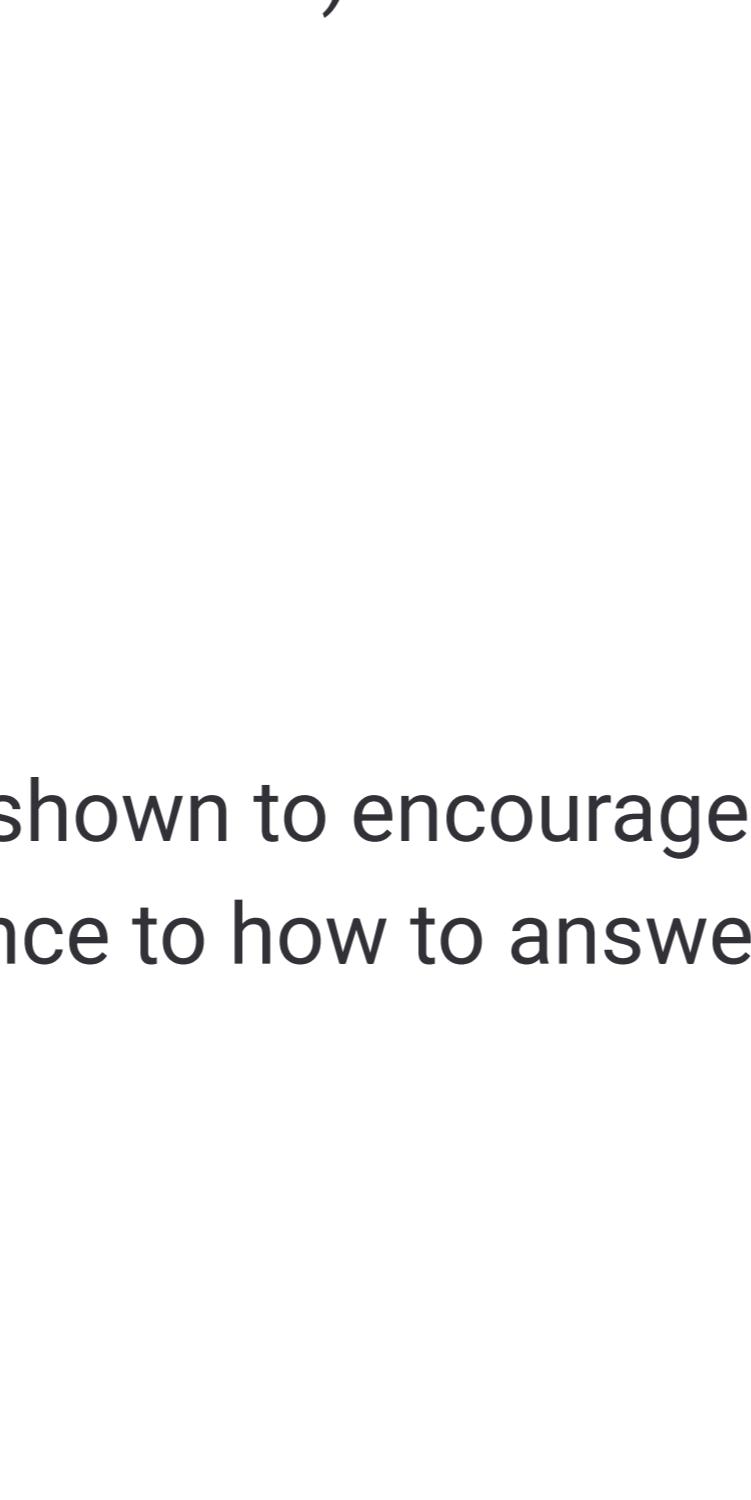
"POLARIS" was an assistive app for visually impaired people to help them find their way through the crowded cities.

Design Process

Investigation Need assessment Ideate Prototype Test

Investigation

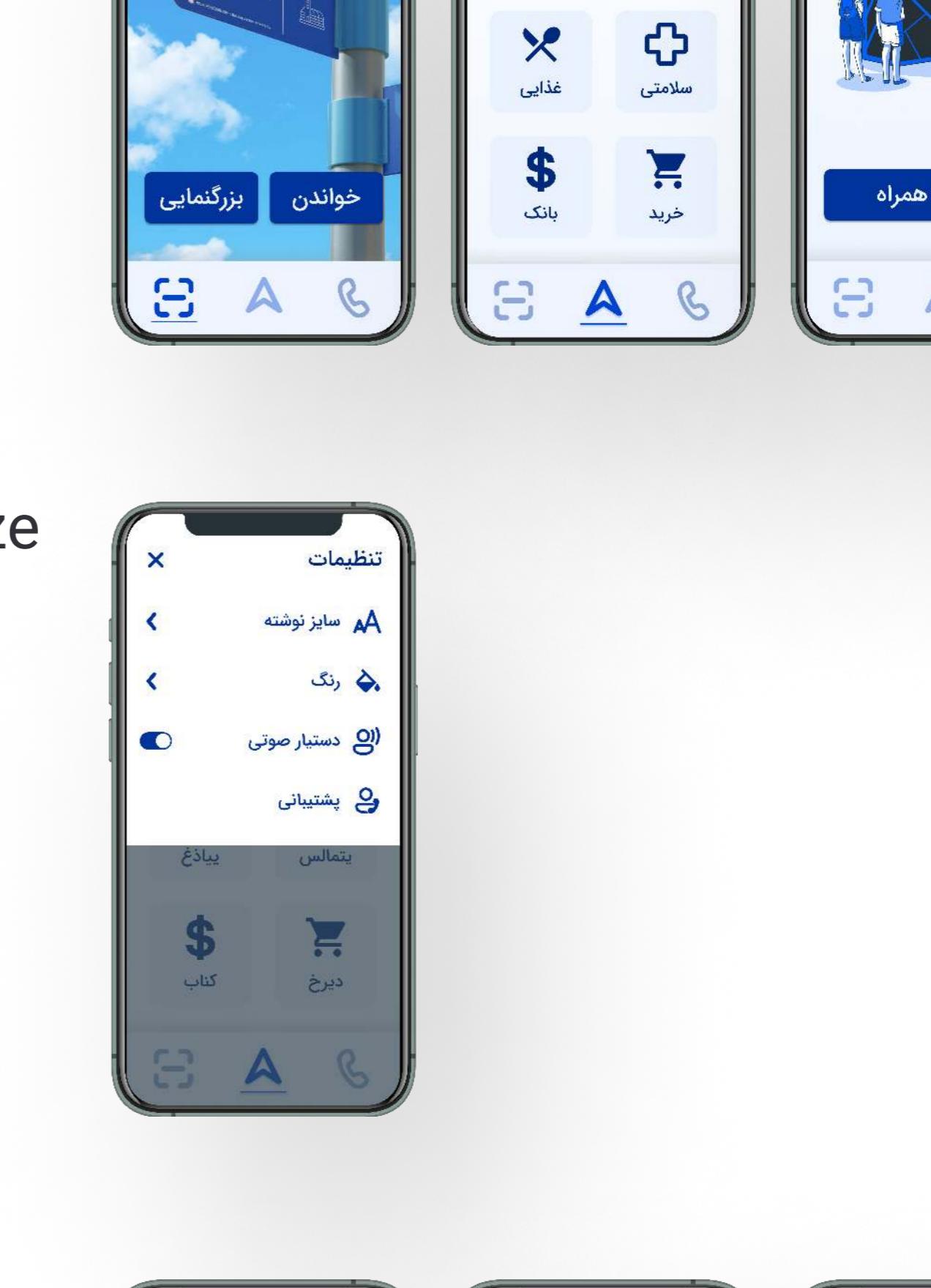
253 Million people are visually impaired in the world :



This number in Iran is 189,000 people with an average age of 37.

Splash Screen

At first, right after opening the app, there's a screen that has a countdown from 5 to 1 for impaired people who might not see the screen and also don't have screen reader. If the user is comrade and helper, by clicking on the button can register or sign in.

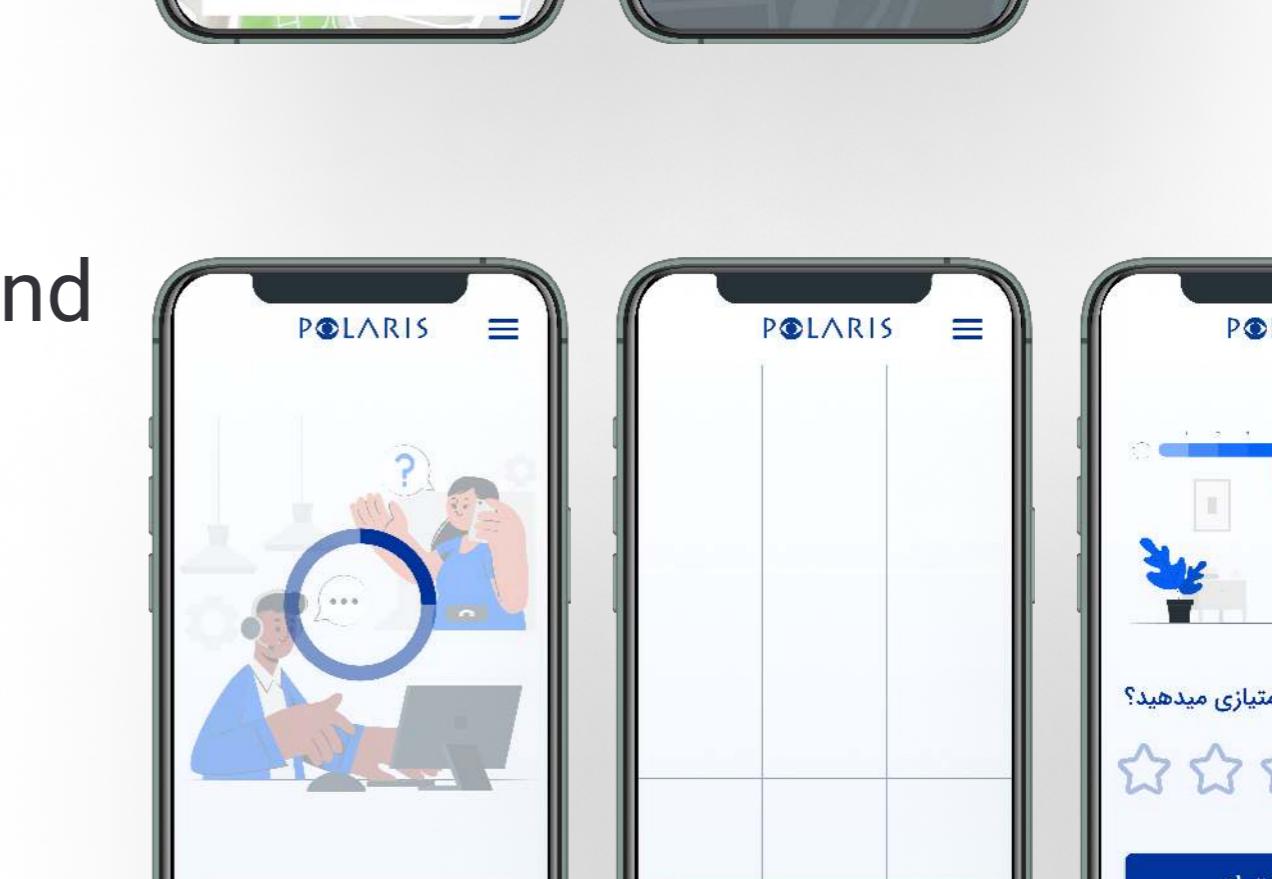


As a helper, some values are shown to the user including being notified when troubled person is calling, or guide the users to help the troubled people better like asking them specific questions about their demand.



Sign in/Forgot password

As a helper, a valid phone number is needed for security and help, and user can register by any name.

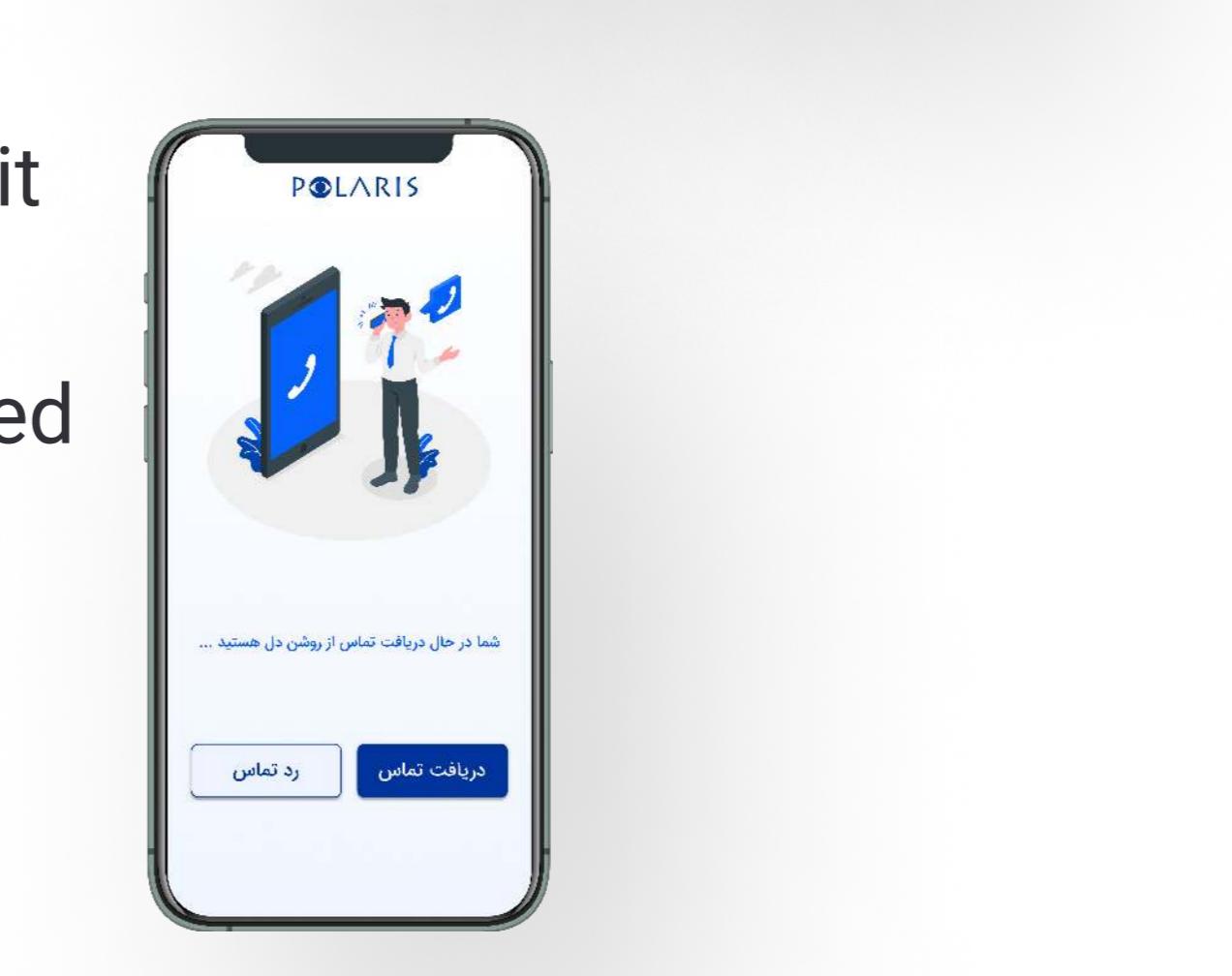


As a vision troubled person, users are able to find their way all through the path, magnify or read things around them and get help from people without their existence at the time and place.

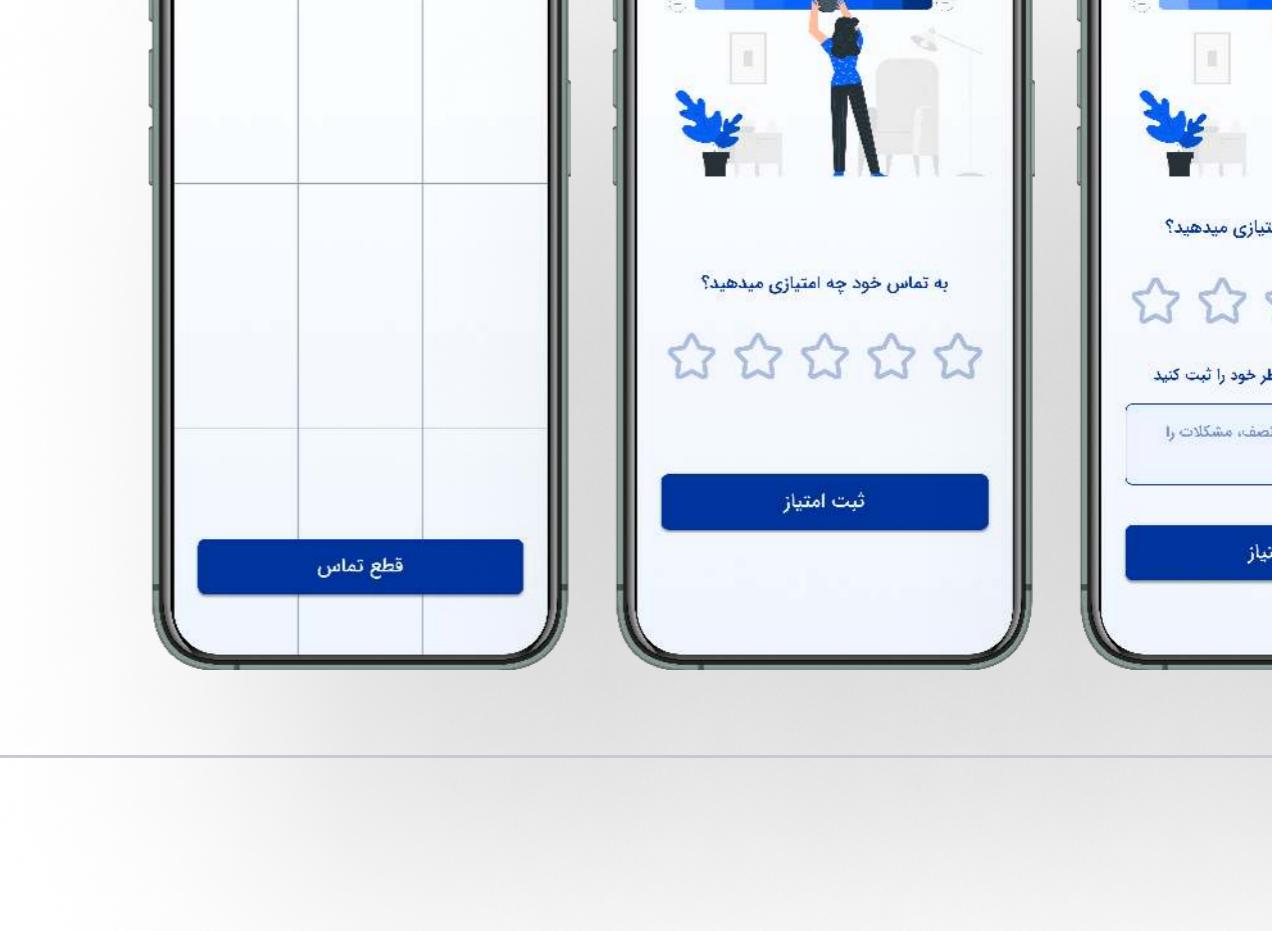


Homepage

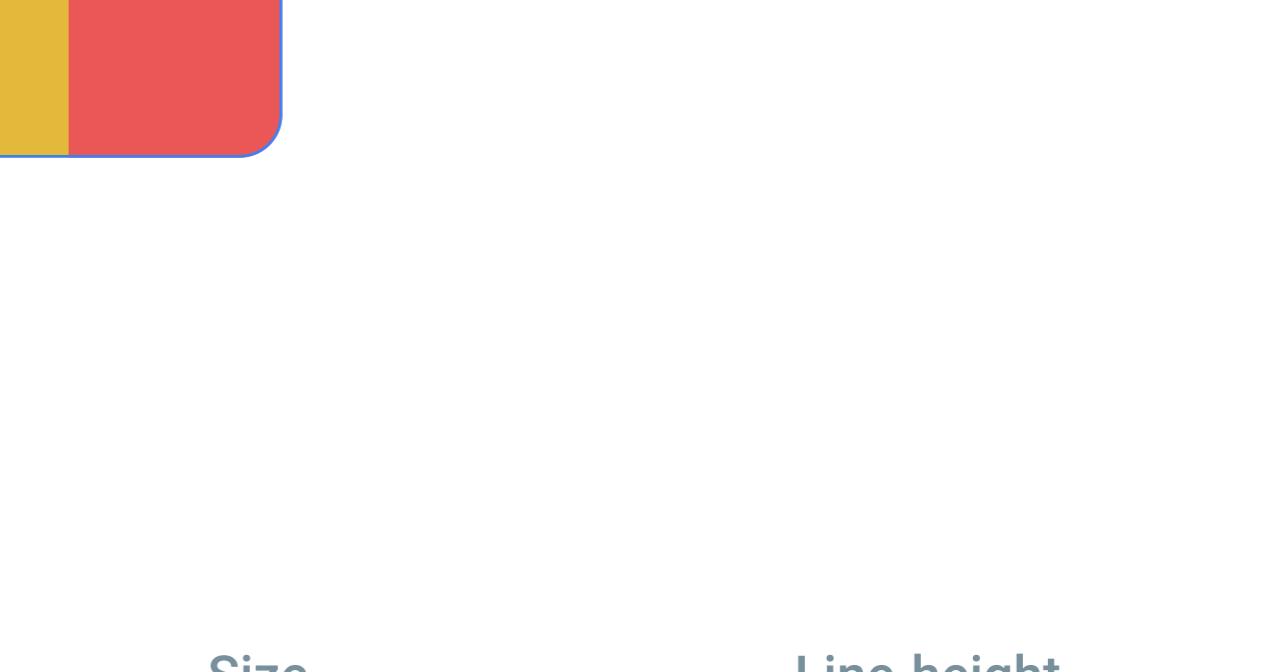
As a helper, there are some information shown to encourage the users to interact more, there's also a guidance to how to answer calls and help troubled people.



As a vision troubled person, users have the possibility to magnify or read signs around them (using AI), they can select places based on different qualities to go, and are able to call a helper directly to solve some problem at the time.

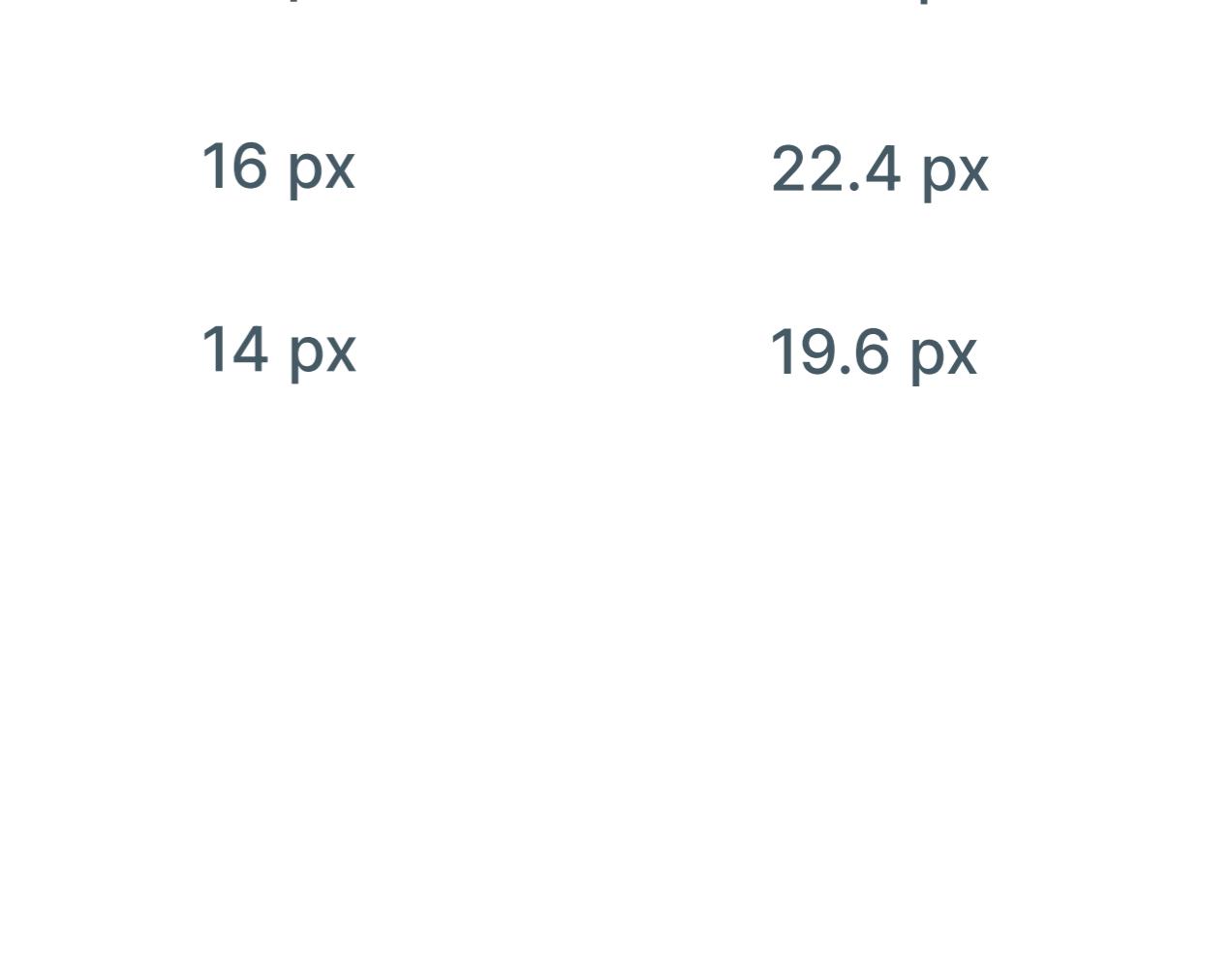


Troubled users are also able to change some of the settings like size and color of the text and turning voice assistance on or off.

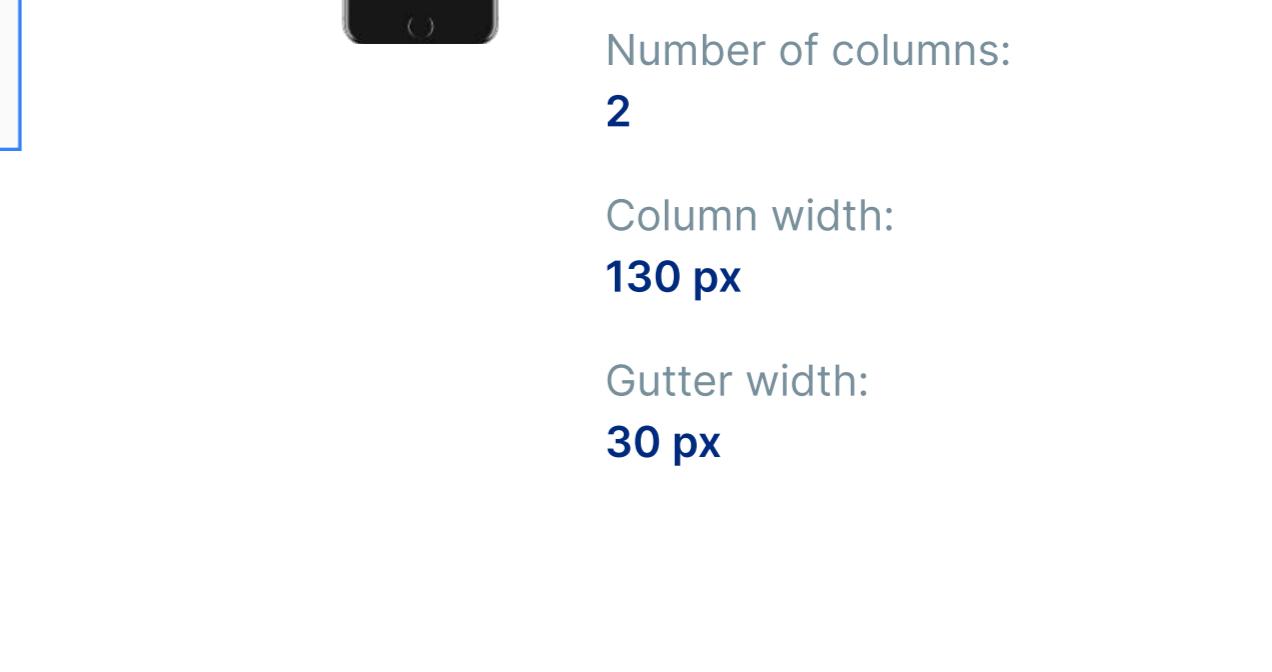


Troubled user

As a troubled user, there are some different abilities for them to ease their processes. They can choose the nearest or most recent locations like restaurants or parks to go and to get there by foot, bus or ride (Taxi).



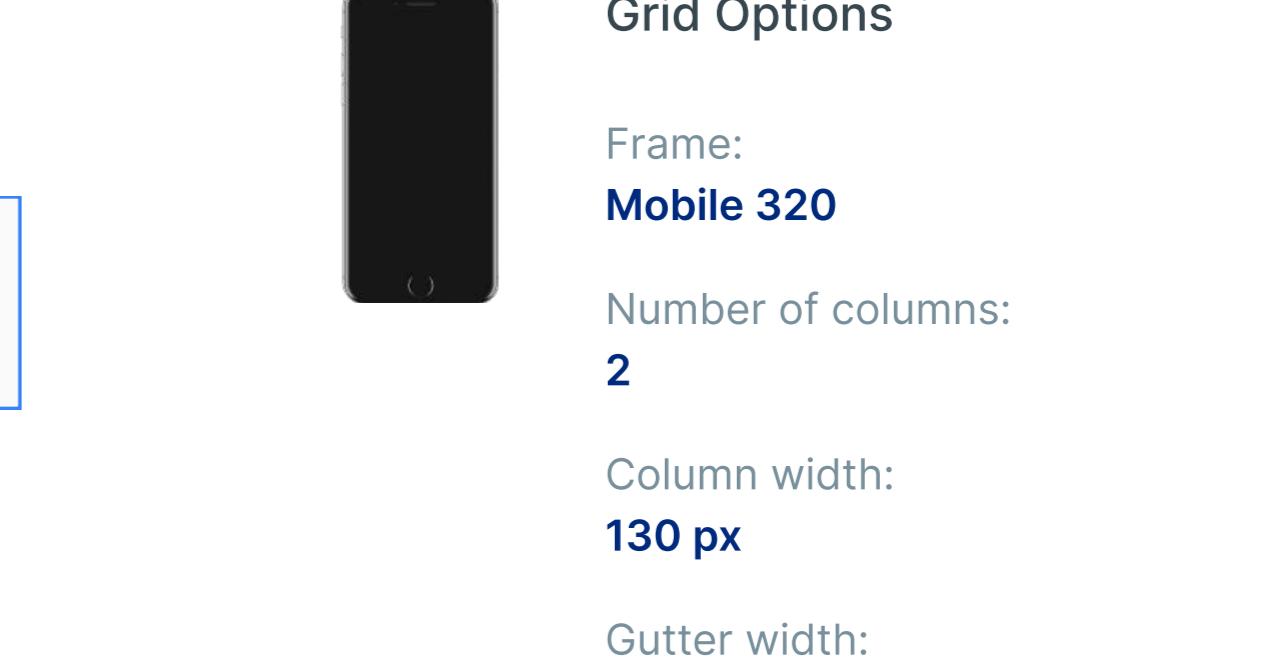
Then the app starts navigating the way, calls an online taxi if needed and guides them through the paths. They can read the signs using app or make an instant call for some help in the moment.



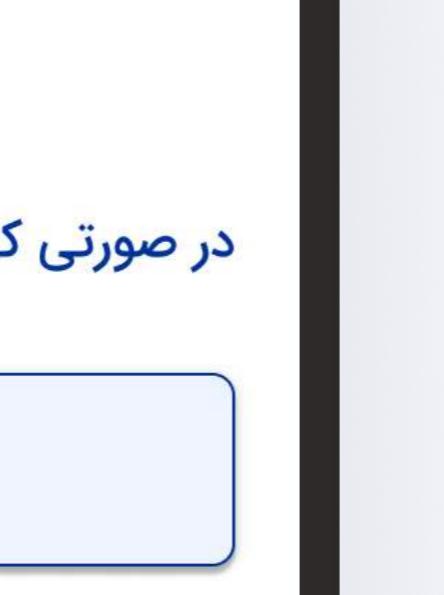
Comrade User

A comrade gets the call and decides to take it or reject it and leave it to some other comrade based on their situation every time. If the comrade doesn't take the call after 15 seconds, the call will be transferred to the next helper automatically.

After answering the call, they can observe troubled user's camera view and through that and talking to them, helpers might be able to solve their problems. They can also help us create a better experience by rating and commenting.



Colors



Fonts

Heading

IranSans

Name	Size	Line height
H1	20 px	22 px
H2	24 px	26.4 px
H3	32 px	35.2 px
H4	40 px	44 px
H5	48 px	52.8 px
H6	56 px	61.6 px

Body

IranSans

Name	Size	Line height
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