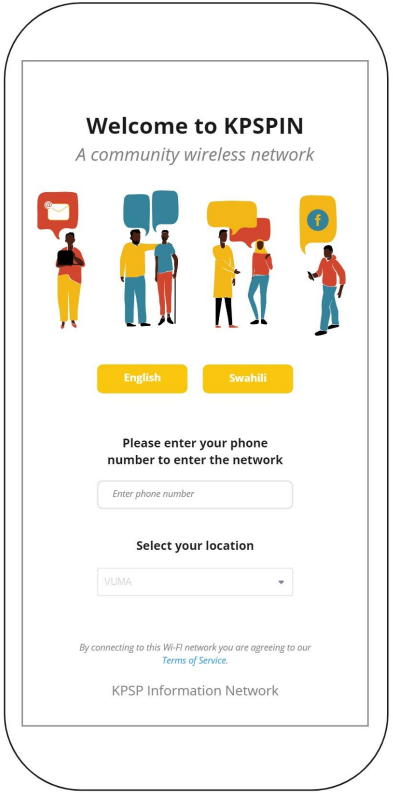
KPSPIN Wireframes

Captive Portal (07/11)

Login Page

Backend Specifications:

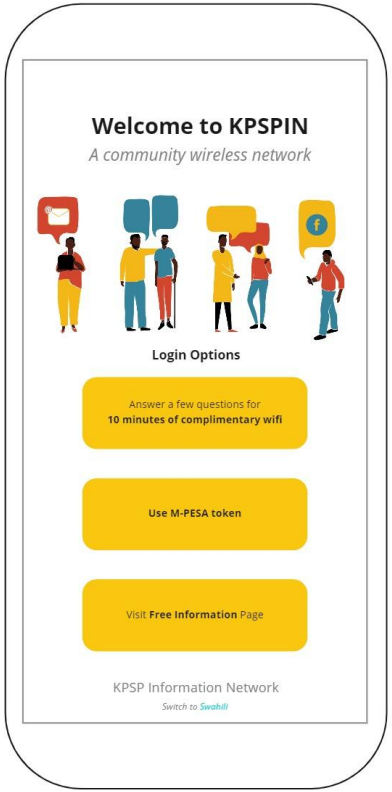
- redirection to login screen on phone/ computer upon connection to the network
- inbuilt detection of location based on network connection with added capability for manual network selection
- location detection to trigger connection to particular CBO's m-pesa account at backend
- Bi-lingual language capabilities with the capacity to toggle between English and Swahili
- login with user's phone number (no password required)

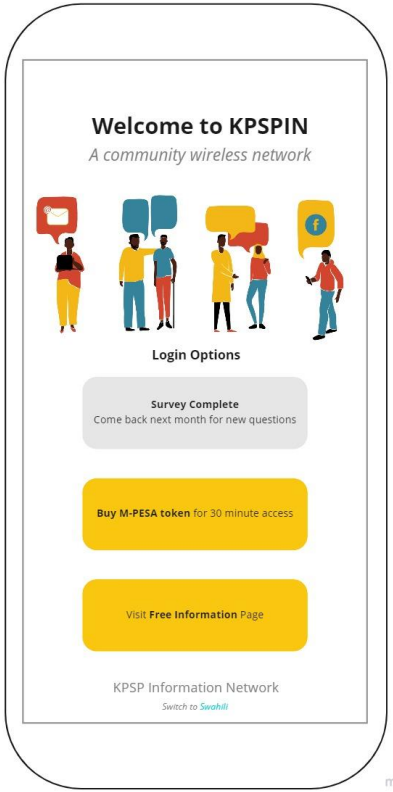


Homepage

Backend Specifications:

- Phone number to be stored in and checked against database on server to check if users have filled free survey and which homepage they will be shown
- Language toggle option at bottom





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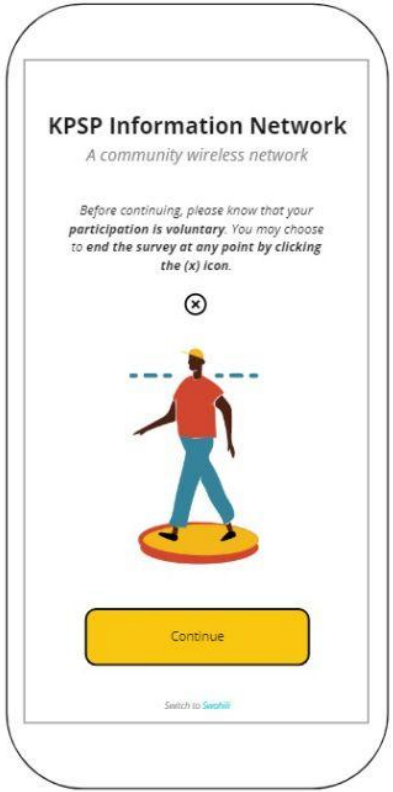
Option 1: Survey for free access (continued)

Backend Specifications:

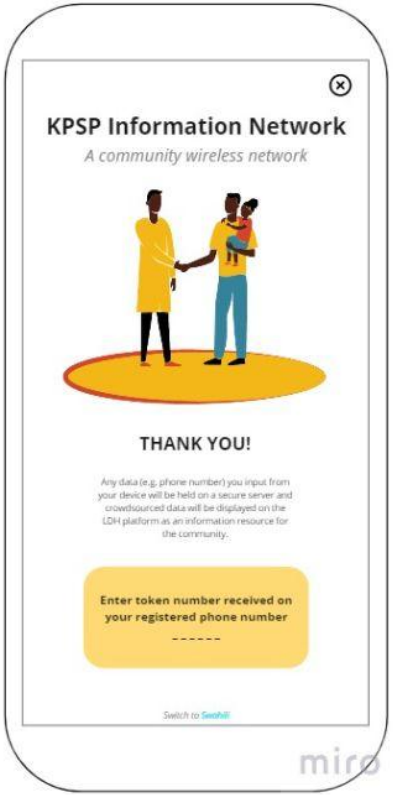
- Survey to be hosted on typeform, linked into the captive portal
- Bi-lingual text in Typeform with Swahili as first language
- one survey to be hosted on the platform at one time
- new surveys to be uploaded each month

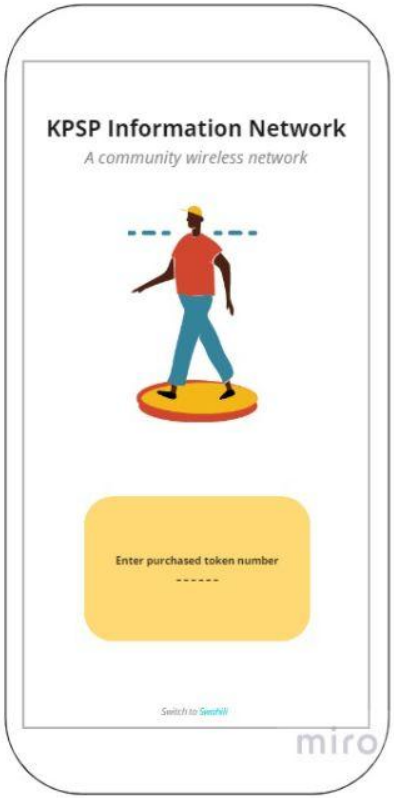


Option 1: Survey for free access

Backend Specifications:

- Token to be generated and sent to user's login phone number (acts as an authentication mechanism as well as database identifier)
- Token number should correctly trigger free usage access for specified time (10 minute).

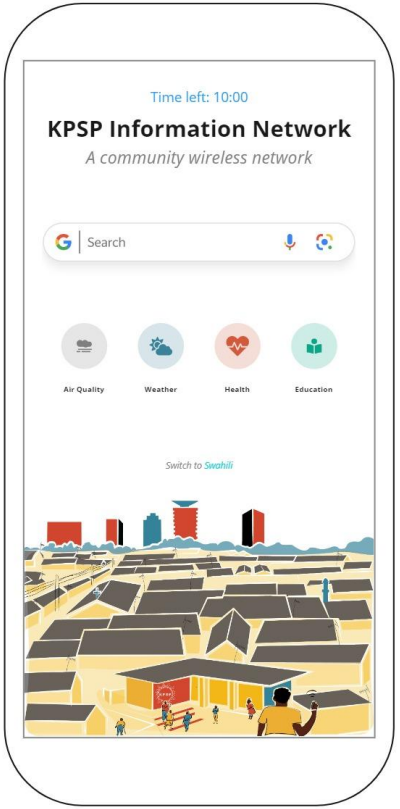


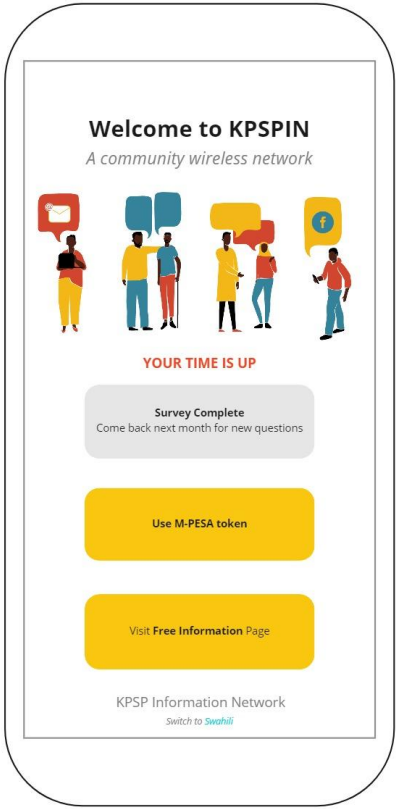


Internet Access Page and Time Out Options

Backend Specifications:

- Time left to be shown on top of internet access page.
- Time left to be calculated since entering token code and getting access to internet network.
- Time Out Page Same as Home Page with message “Your Time is Up’





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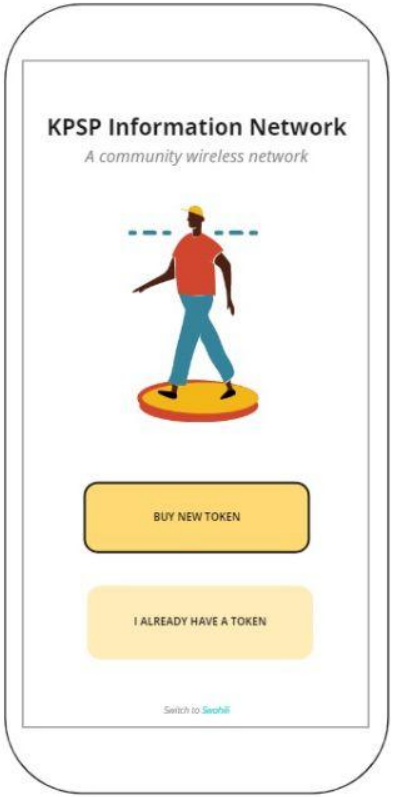
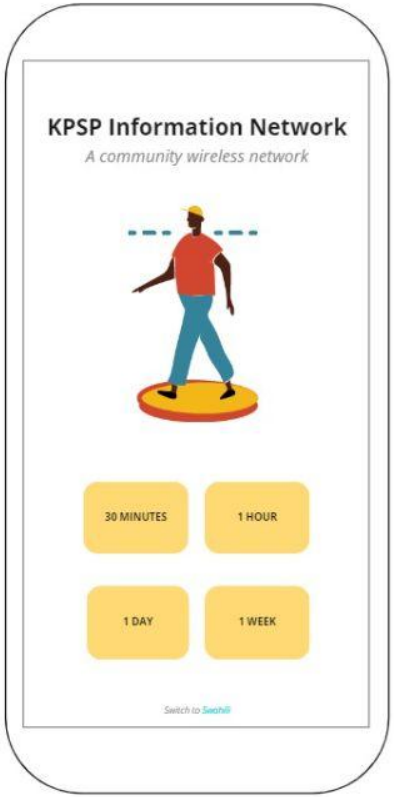
Option 2: Using M-Pesa Token: Buy New Token

Backend Specifications:

- voucher options to be specified with costs (based on business plan)

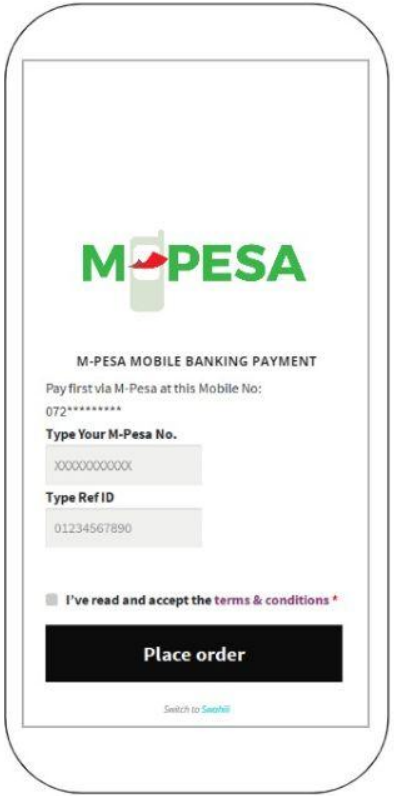


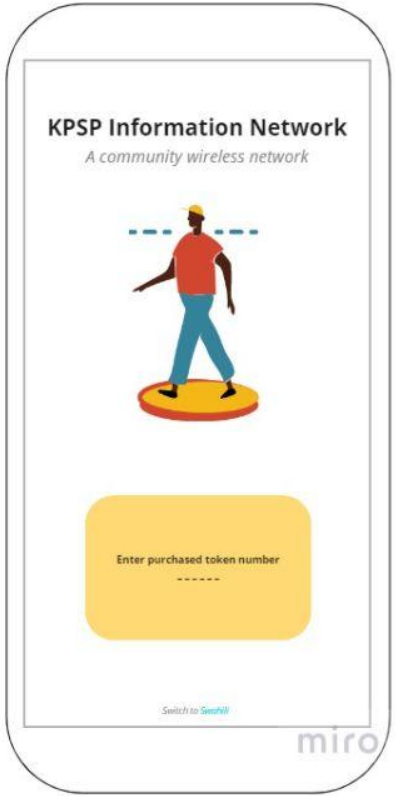


Option 2: Using M-Pesa Token: Buy New Token (continued)

Backend Specifications:

- The selected access amount should trigger/ reflect relevant payment information and amount in the m-pesa payment portal.

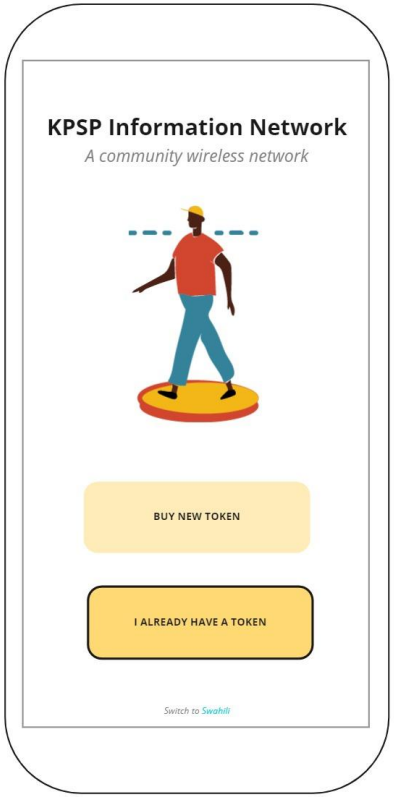


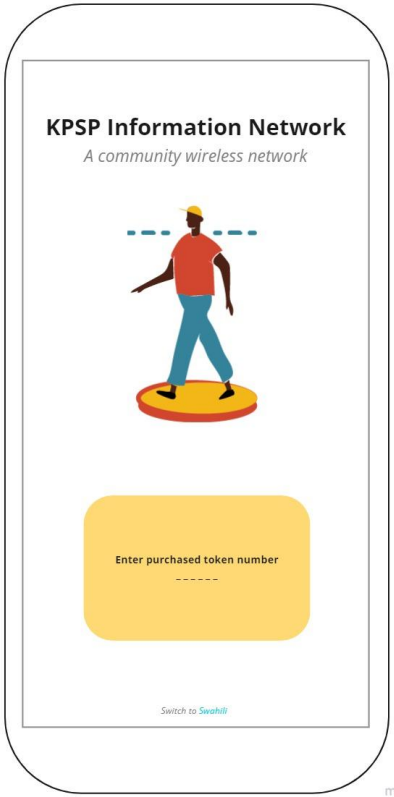


Option 2: Using M-Pesa Token: Already have Token

Backend Specifications:

- More useful in case of longer duration tokens
- Time remaining information to be stored in captive portal linked to token code and login phone number information.





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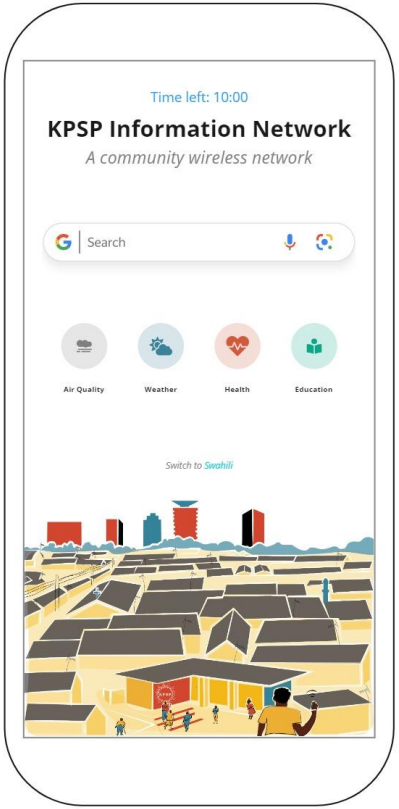
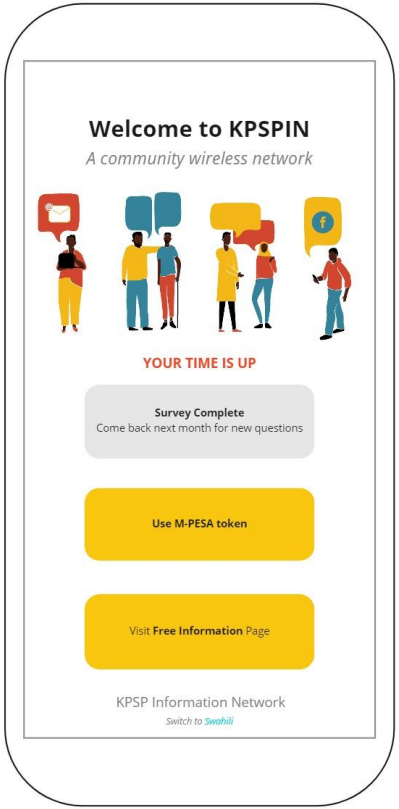
Internet Access Page and Time Out Options

Backend Specifications:

- Time left to be shown in access duration. (more than 60 minutes to be displayed in hour units, more than 24 hours to be displayed in day units).relevant units based on
- Time left to be calculated since entering token code and getting access to internet network.
- Time Out Page Same as Home Page with message “Your Time is Up’.





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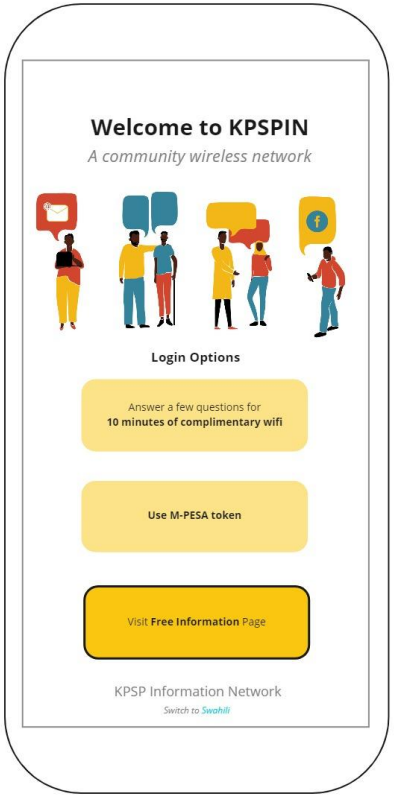
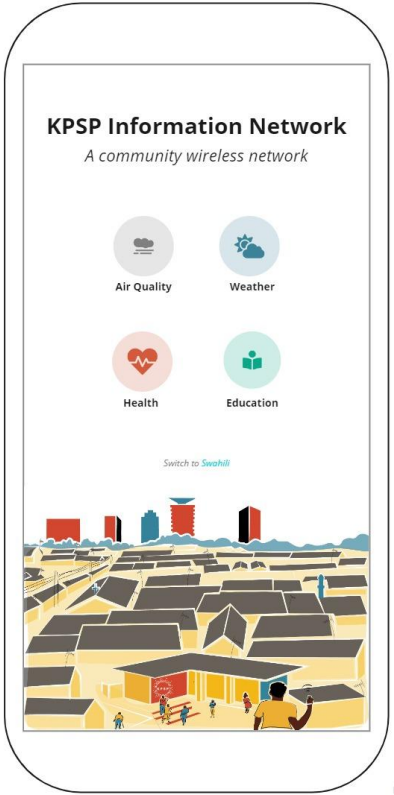
Free Information Page

Backend Specifications:

- Free information page to contain links to freely accessible URLs via clicking on relevant icons.





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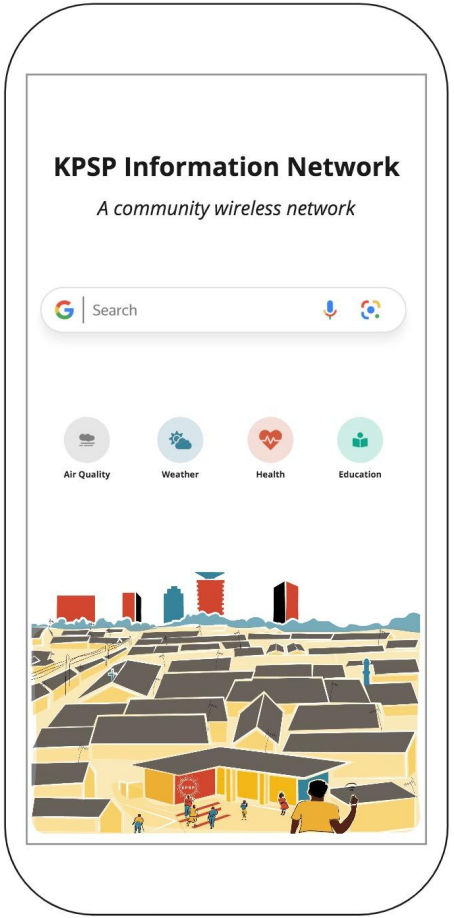
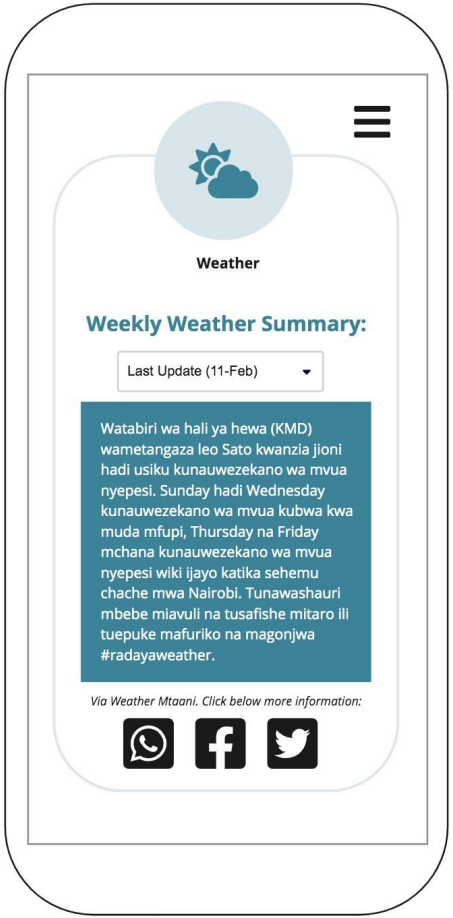
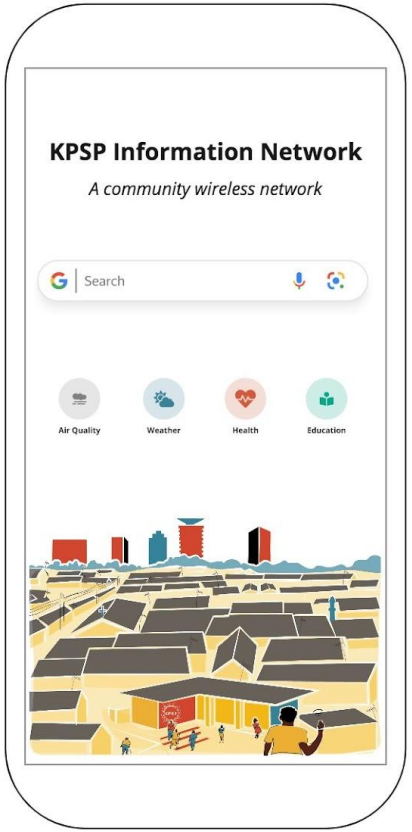
Inside KPSPIN

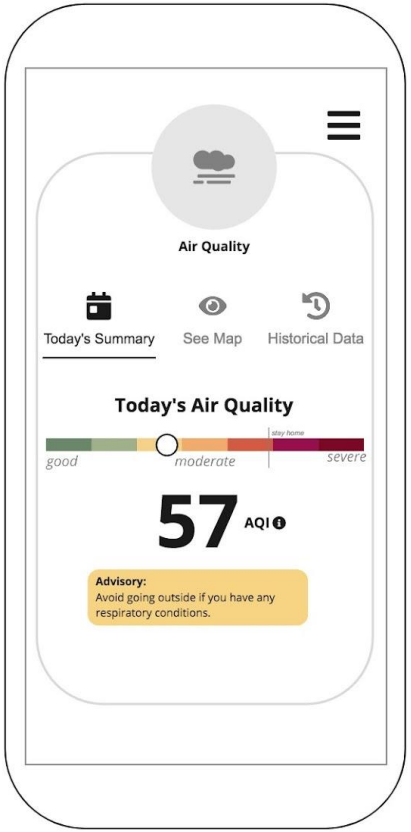
e.g. Weather

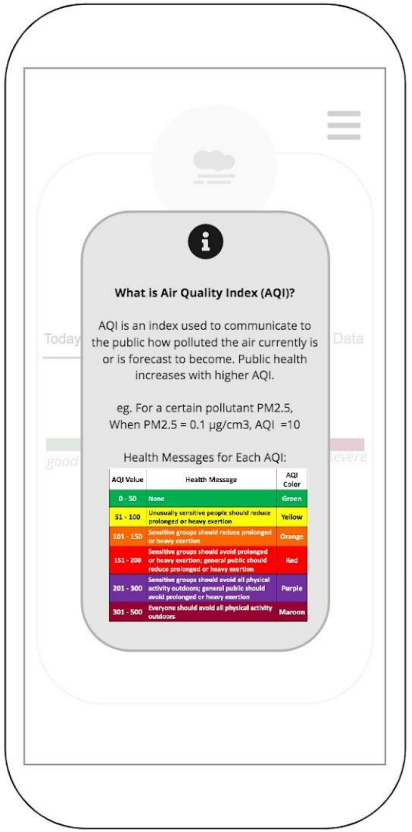
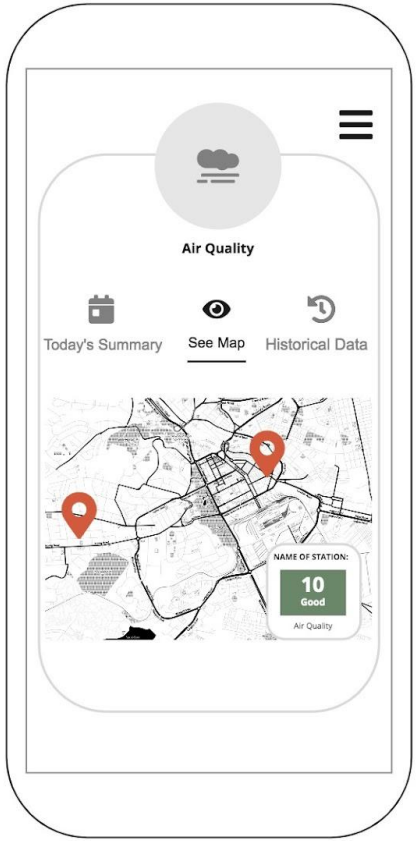
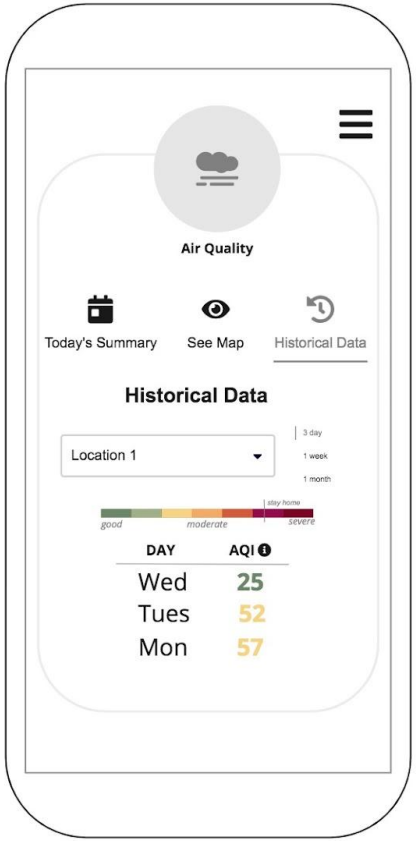
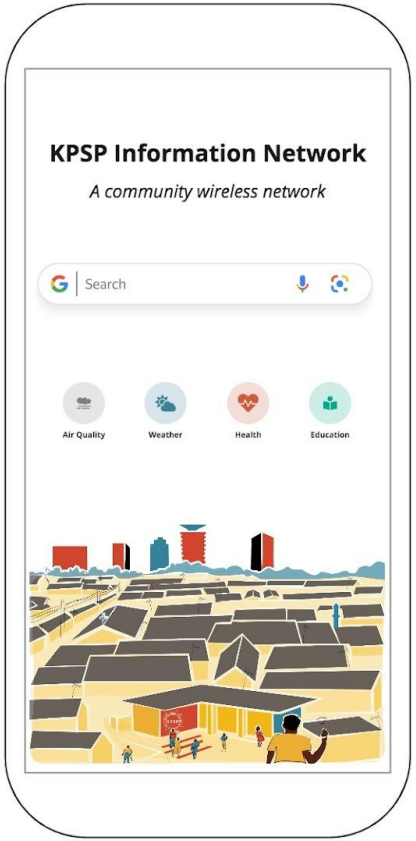

KPSP Information Network
A community wireless network
Search
Air Quality
Weather
Health
Education


Weather
Weekly Weather Summary:
Last Update (11-Feb)
Watabiri wa hali ya hewa (KMD) wametangaza leo Sato kwanzia jioni hadi usiku kunauwezekano wa mvua nyepesi. Sunday hadi Wednesday kunauwezekano wa mvua kubwa kwa muda mfupi, Thursday na Friday mchana kunauwezekano wa mvua nyepesi wiki ijayo katika sehemu chache mwa Nairobi. Tunawashauri mbebe miavuli na tusafishe mitaro ili tuepuke mafuriko na magonjwa #radayaweather.
Via Weather Mtaani. Click below more information:

e.g. Air Quality







e.g. Air Quality