

ANDROID PROGRAMMING (SWE2008)

J COMPONENT DOCUMENT

TEAM MEMBERS:

- **KSHITIZ GOYAL – 19MIS1009**
- **NAMAN JAIN – 19MIS1040**

TITLE: INVESTOPIA – Connecting The Companies To The Investors

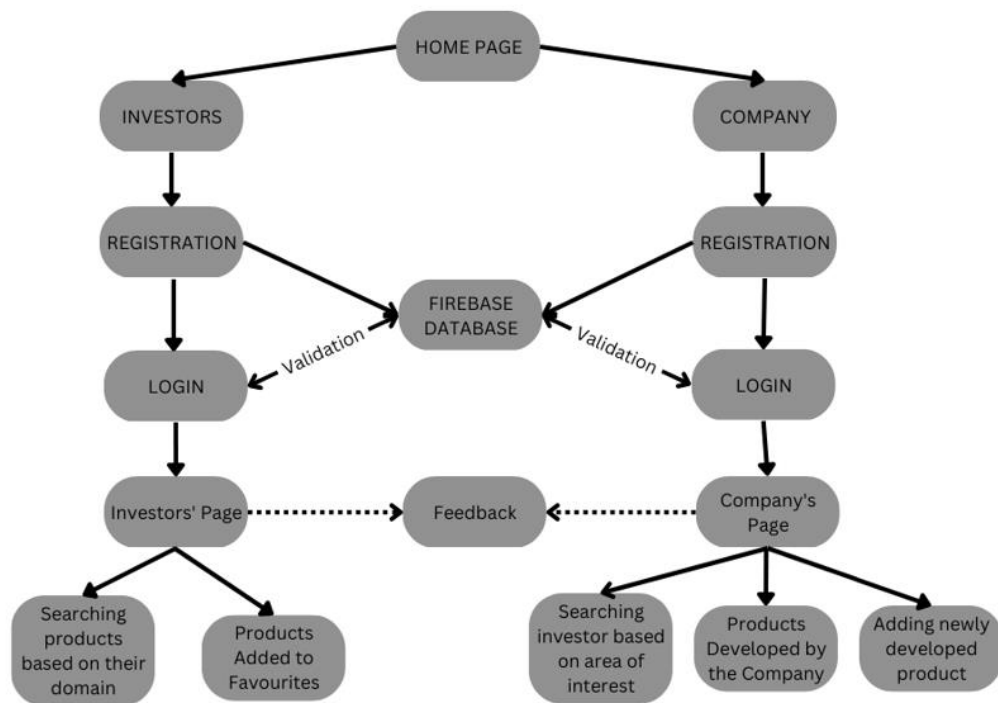
ABSTRACT

We are proposing an android application “Investopedia” which is an online shark tank platform built to cater both investors and investment-seeking companies. This application will prove to be a one-stop solution to all the companies who are seeking investment. The entrepreneurs can show their products/services which they offer in the market and pitch their idea to the investors who are affiliated with our platform. They can share their revenue details, market capture, unit economics and other important details with the investors. On the other hand, authorized investors will be affiliated with our platform, they can search and understand the product and companies. Investors can also contact the companies by sharing their details or chat with each other using our chatting facility.

MOTIVATION

We have proposed this android application for the both companies and investors. This application will provide a one-stop solution to all the companies who are seeking investments. It connects the companies to the entrepreneurs with similar type of interests. For example- if a company has developed an ed-tech product, then the application will provide the details and way to communicate the investors who have similar area of interest. We can also improvise this solution by adding e-mailing or chatting feature inside the application. The company will provide the functionality of their products or services inside their description. They can also provide a video pitch to the investors. If the investors like their product/service, then they can contact them through our facility.

COMPONENT LEVEL BLOCK DIAGRAM



Block Diagram of Investopia

DATABASE STRUCTURE (JSON)

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{
  "Company Details": {
    "21QWERT5678Q1Z5": {
      "Company Name": "XYZ Company ",
      "Description": "Developing healthcare and sports products",
      "Email": "srijanairon123@gmail.com",
      "LinkedIn": "https://www.linkedin.com/in/srijan-airon-68b830193",
      "Owner Name": "Srijan Airon",
      "Password": "SrijanAiron@0601"
    },
    "22ASDFG1234Q3Z6": {
      "Company Name": "Stryker",
      "Description": "Developing products for cybersecurity.",
      "Email": "paras.patil12@gmail.com",
      "LinkedIn": "https://www.linkedin.com/in/paraspatil",
      "Owner Name": "Paras Patil",
      "Password": "ParasPatil@gmail.com"
    },
    "22GRAPE1234Q1Z5": {
      "Company Name": "ABC Company ",
      "Description": "Developing products for the medical sector",
      "Email": "2000goyalk@gmail.com",
      "LinkedIn": "https://www.linkedin.com/in/kshitiz-goyal-398100165",
      "Owner Name": "Kshitiz Goyal",
      "Password": "KshitizGoyal@0601"
    }
  },
  "Favourite Products": {
    "ASDFG1234J": {
      "products": [
        "22GRAPE1234Q1Z5-001"
      ]
    },
    "BNZAA1234J": {
      "products": [
        "22GRAPE1234Q1Z5-001"
      ]
    }
  },
  "Feedback": {
    "22GRAPE1234Q1Z5": "Nice idea although need to add more features ",
    "ASDFG1234J": "Nice Application",
    "BNZAA1234J": "Nice place to find products for investing"
  }
}
```

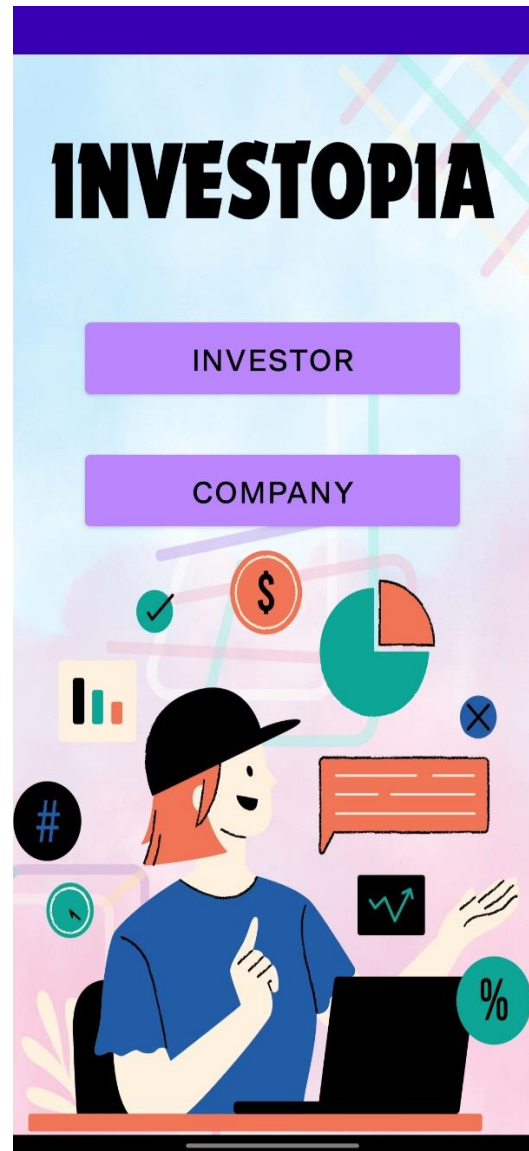
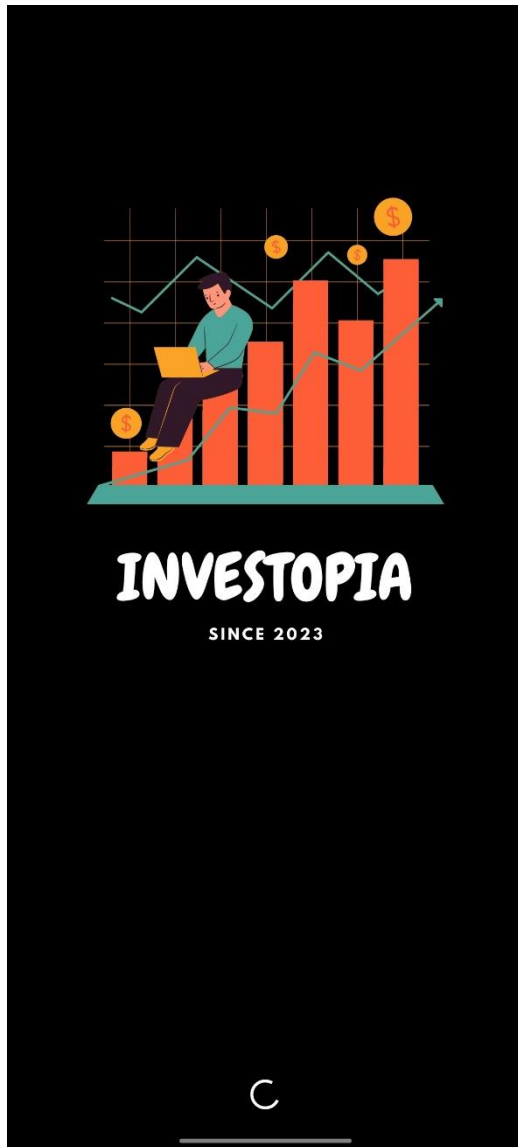
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"Investor Details": {
  "ASDFG1234J": {
    "Email": "agrawal.balraj@gmail.com",
    "Interests": [
      "Education",
      "Agriculture",
      "Healthcare"
    ],
    "Name": "Balraj Agrawal",
    "Password": "ballu@0601"
  },
  "BNZAA1234J": {
    "Email": "jain.naman52@gmail.com",
    "Interests": [
      "Finance",
      "Education",
      "Healthcare"
    ],
    "Name": "Naman Jain ",
    "Password": "NamanJain@0601"
  },
  "DSDMS1234J": {
    "Email": "charansai@gmail.com",
    "Interests": [
      "Healthcare",
      "Education",
      "Sports",
      "Finance"
    ],
    "Name": "Sai Charan",
    "Password": "SaiCharan@0601"
  }
},
"Products": {
  "21QWERT5678Q1Z5": {
    "001": {
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      "GDrive Link": "NA",
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    "002": {
      "Description": "Helps in pain relief ",

```

```
    "Domain": "Healthcare",
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    "GDrive Link": "NA",
    "Product Name": "Pain relief spray"
  },
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    "001": {
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    }
  },
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      "Domain": "Healthcare",
      "Estimated Cost": "200",
      "GDrive Link": "NA",
      "Product Name": "Abc Painkillers"
    },
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      "Domain": "Healthcare",
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      "GDrive Link": "NA",
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    }
  }
}
```

MODULES WITH THEIR SCREENSHOTS

Registration and Login Module: There will be two types of users i.e. Investors and Companies. Each user will register and fill some additional information. For example- Investors need to provide their area of interests along with their PAN number for authorization purposes.



22:06

3.00

Kbps

Vo

LTE

4G+

7%

Register here

Name

Balraj Agrawal

PAN Number

ASDFG1234J

Email

agrawal.balraj@gmail.com

Password

.....

Re-enter

.....

NEXT

Already a user?

22:11

0.26

Kbps

Vo

LTE

4G+

6%

LOGIN

INVESTOPIA

SINCE 2023

PAN Number

Password

LOGIN

22:06

20.0 KB/s

4G

7%

Additional Information

SELECT INTERESTS

☐ Finance

☒ Education

☒ Agriculture

☒ Healthcare

☐ Automotive

☐ Sports

REGISTER

22:12

0.05 KB/s

4G

6%

Register here

Company Name

Stryker

Owner Name

Paras Patil

GSTIN Number

22ASDFG1234Q3Z6

Email

paras.patil12@gmail.com

Password

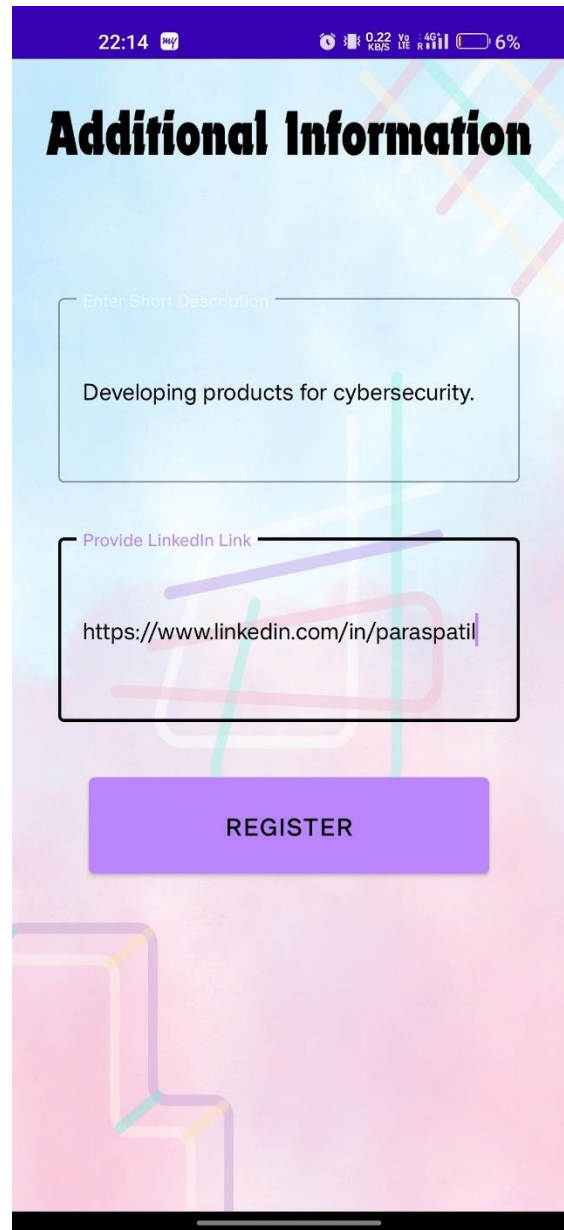
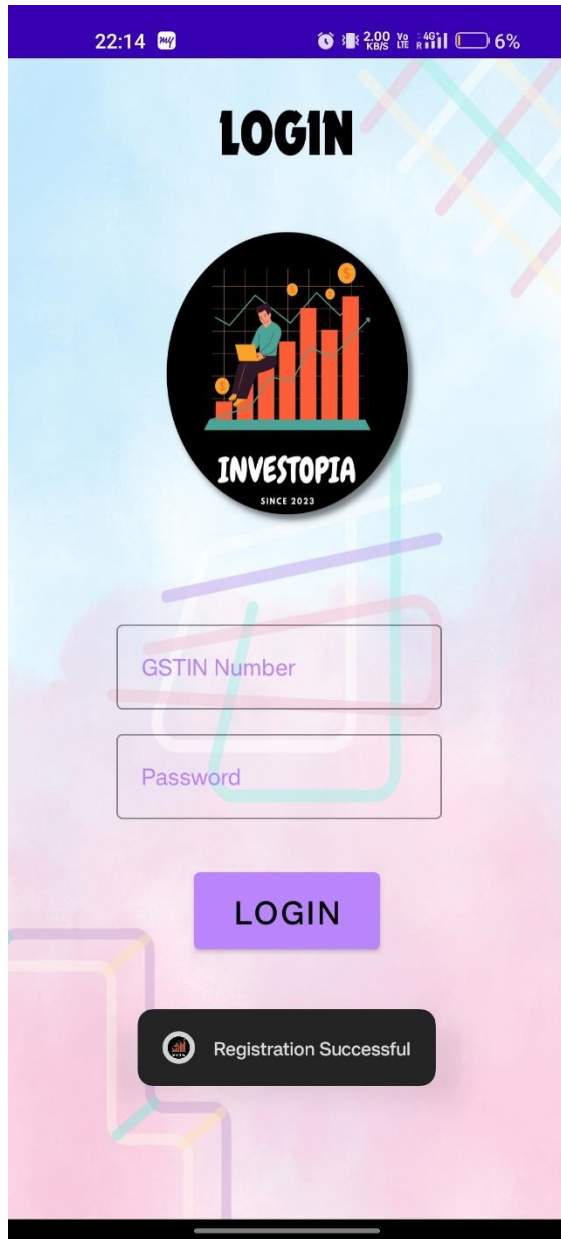
ParasPatil@gmail.com

Re-enter

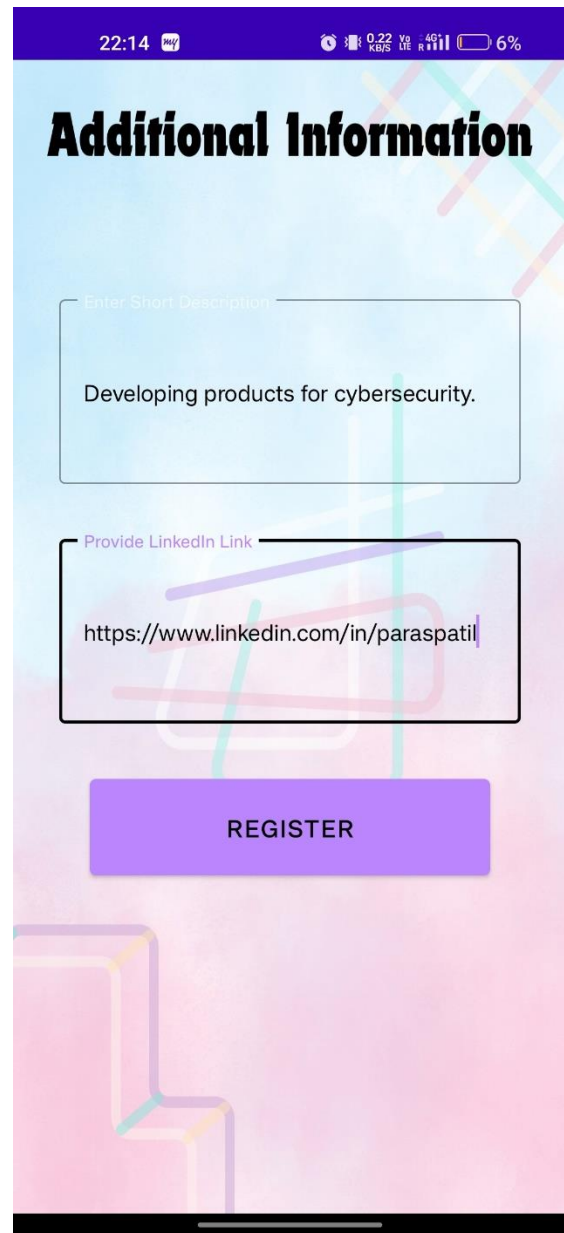
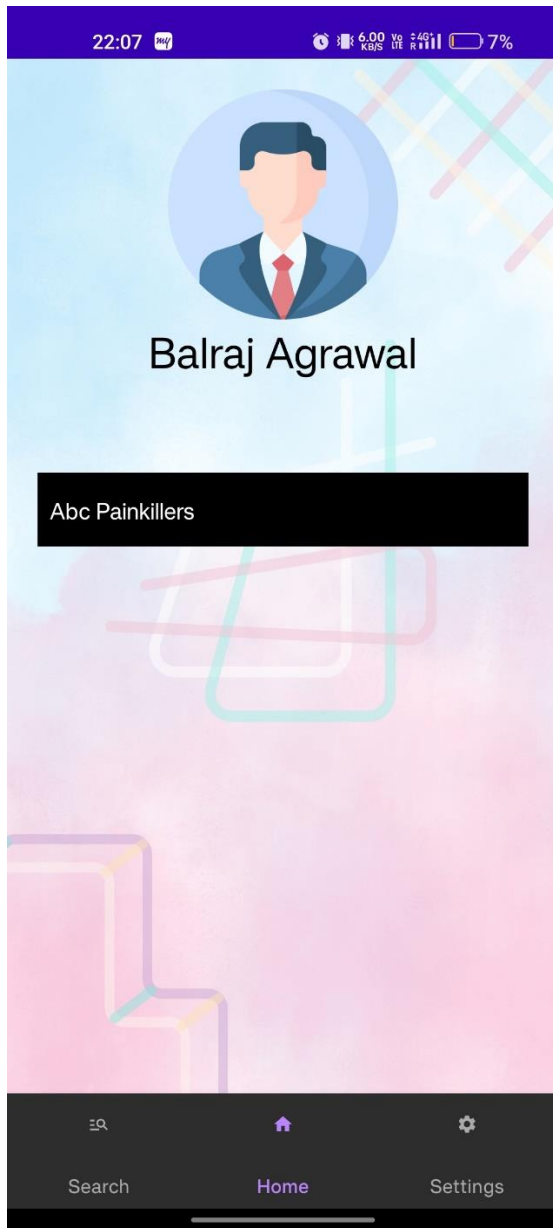
ParasPatil@gmail.com

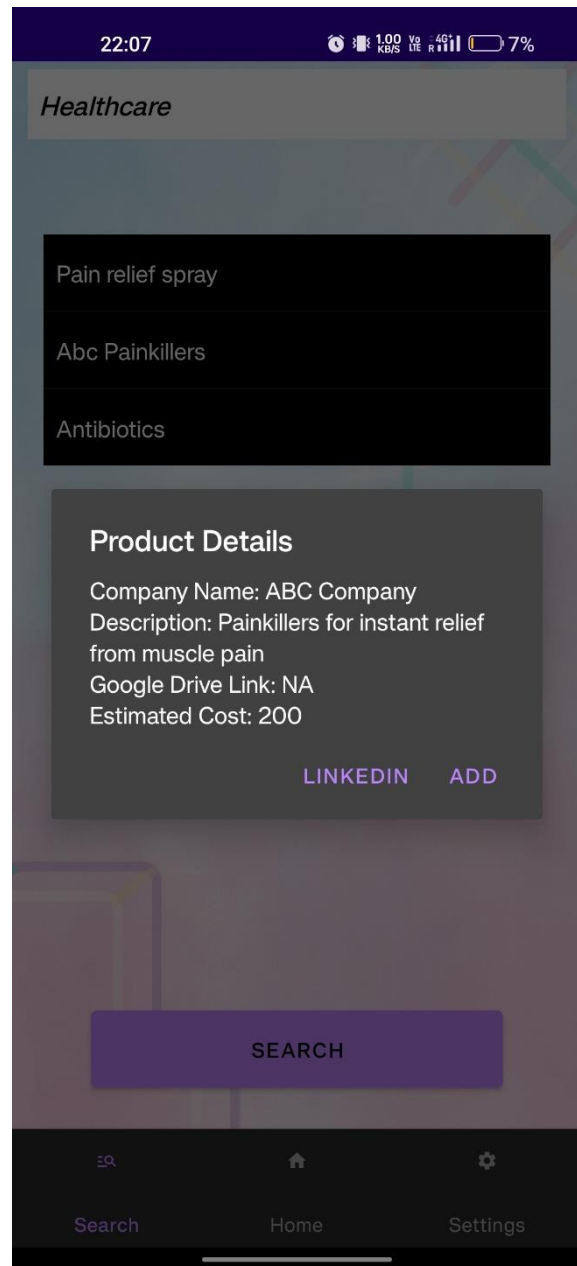
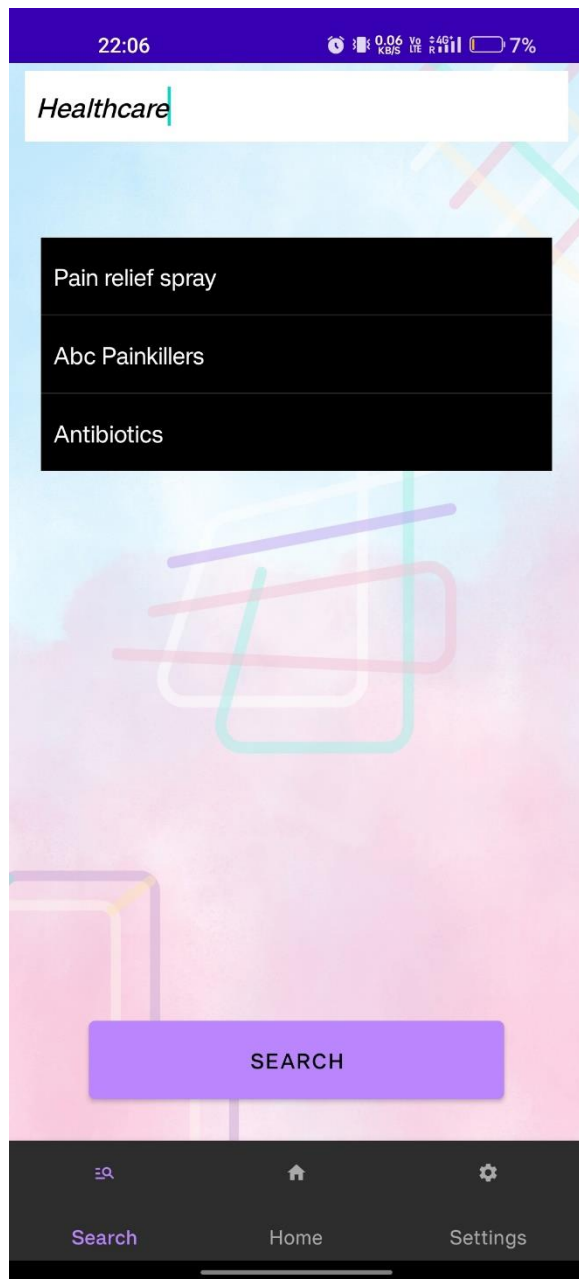
NEXT

Already a user?



INVESTORS' Module: The module will show various pitches shared by the companies on the android application and the investors can check their sales pitch and other necessary details. Investors can contact with the companies through e-mail system or chatting facility.





22:07 my

0.54 KB/S Vo LTE 4G+ 7%

FEEDBACK

LOG OUT



Search

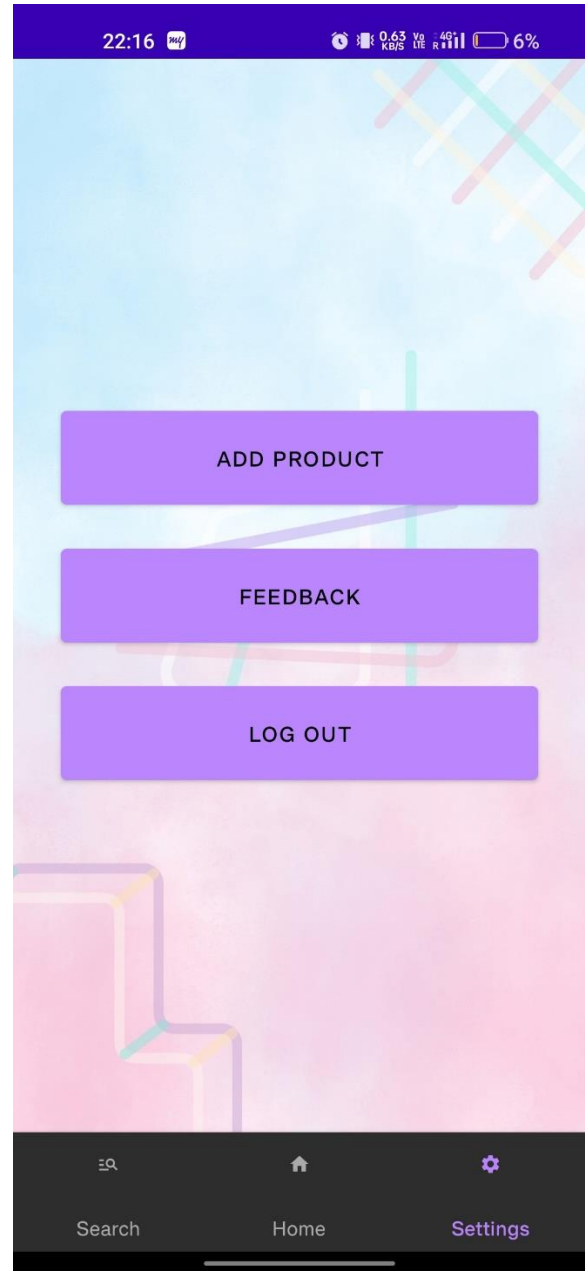
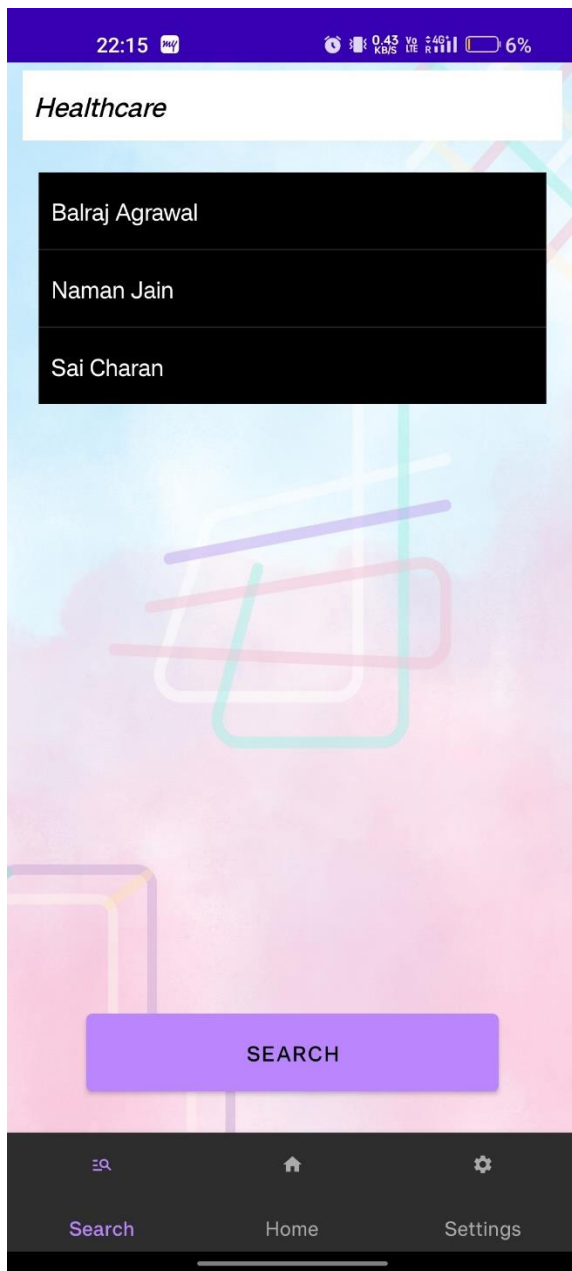


Home



Settings

COMPANIES' Module: This module will serve at the entrepreneurs/company's end where they can enter their company's details along with their sales pitch and important links such as App Store link or website link, if any. The entrepreneurs have to go through a validation procedure to prove that their company is genuine and necessary details will be asked.



22:16

3.00 KB/s

4G

5%

001

Firewall

Technology

NA

500

Firewall for Cybersecurity.

SUBMIT

22:17

3.00 KB/s

4G

5%

Stryker

Developing products for cybersecurity.

Firewall

Search

Home

Settings

22:17

0.08 KB/S 4G+ 5%

Healthcare

Balraj Agrawal

Naman Jain

Sai Charan

Investor Details

Name: Balraj Agrawal

Email: agrawal.balraj@gmail.com

EMAIL

SEARCH

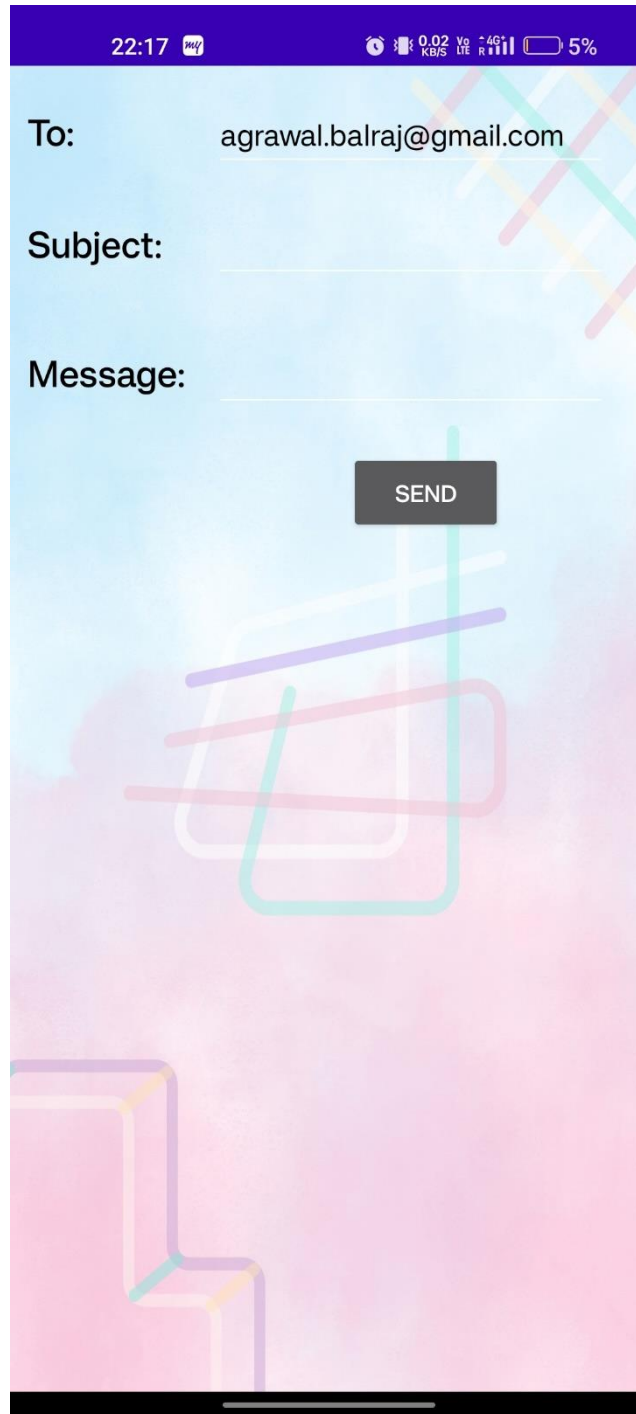


Search

Home

Settings

Emailing Module: The company can approach the investor through our emailing facility. The company can email their proposal to the investors. After filling this form, the Send Button will redirect the user to the Gmail browser.

A screenshot of a mobile application interface for sending an email. The background is a soft-focus image of a person's legs in a blue and white striped shirt. The interface is overlaid on this background. At the top, there is a status bar with a purple background showing the time 22:17, a battery icon at 5%, and network indicators for 4G+ and LTE. Below the status bar, the form has three input fields: 'To:' with the email address 'agrawal.balraj@gmail.com', 'Subject:' with an empty field, and 'Message:' with an empty field. A dark grey 'SEND' button is positioned below the 'Message:' field. The bottom of the screen shows a black home indicator bar.