

Golden Lifeline for elders

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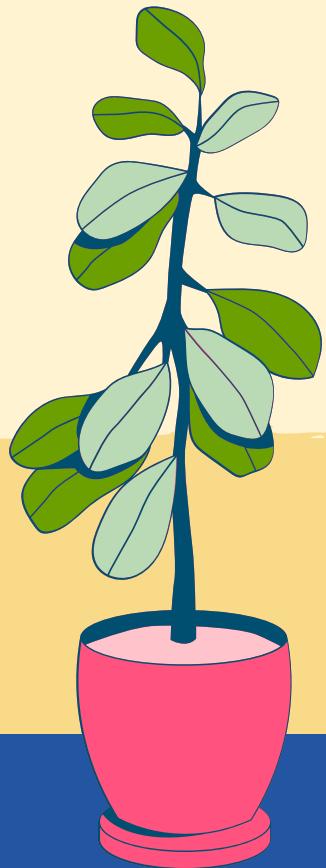


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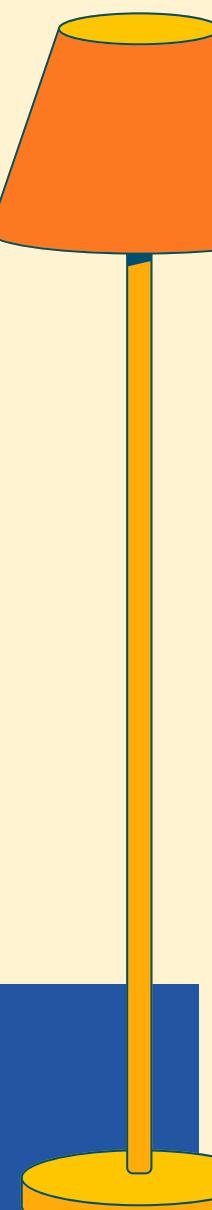
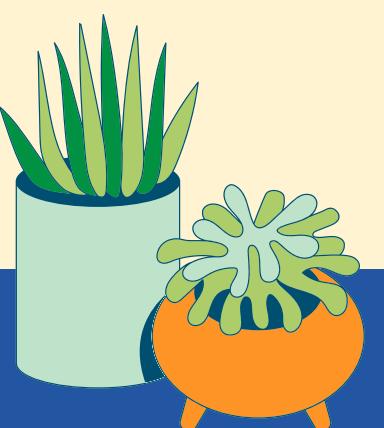
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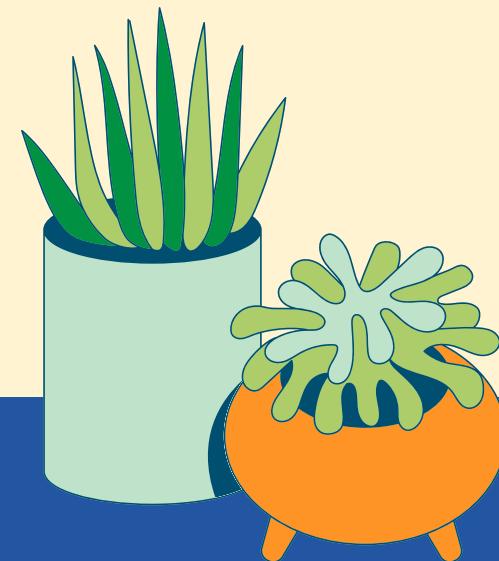
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Target Audience



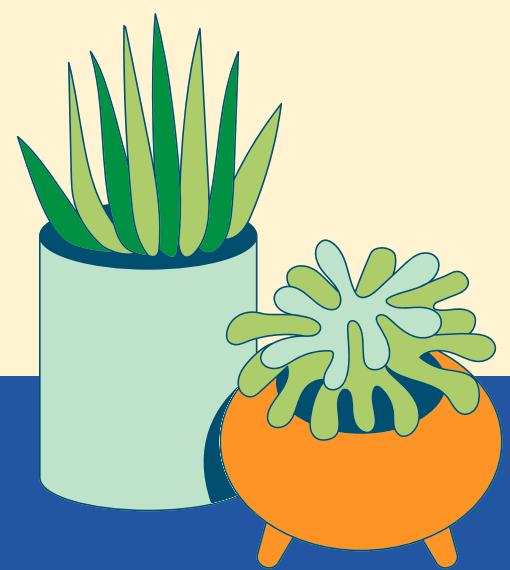
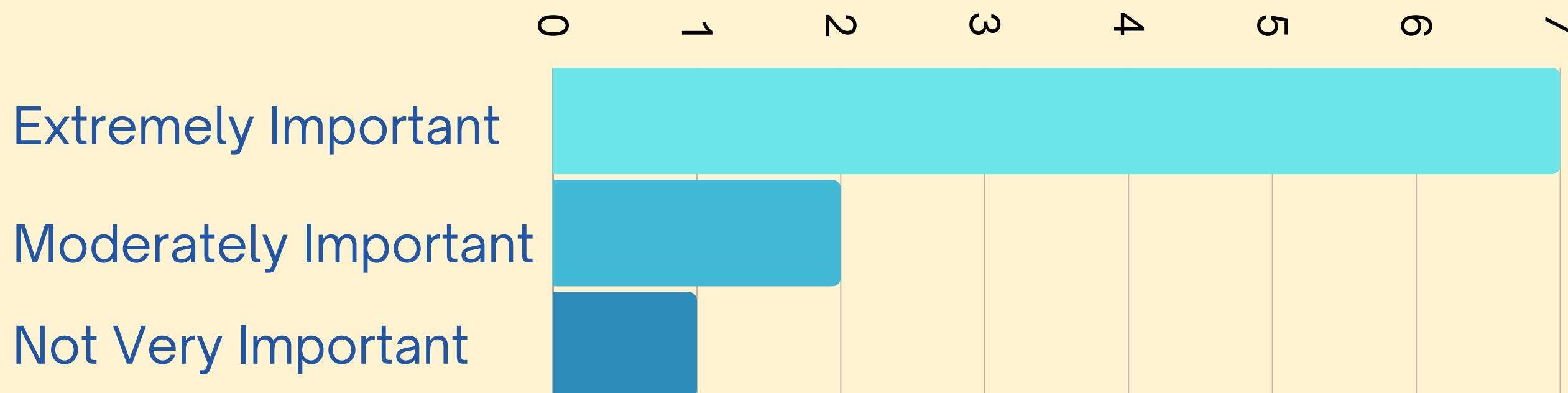
Elderly Individuals
in Singapore



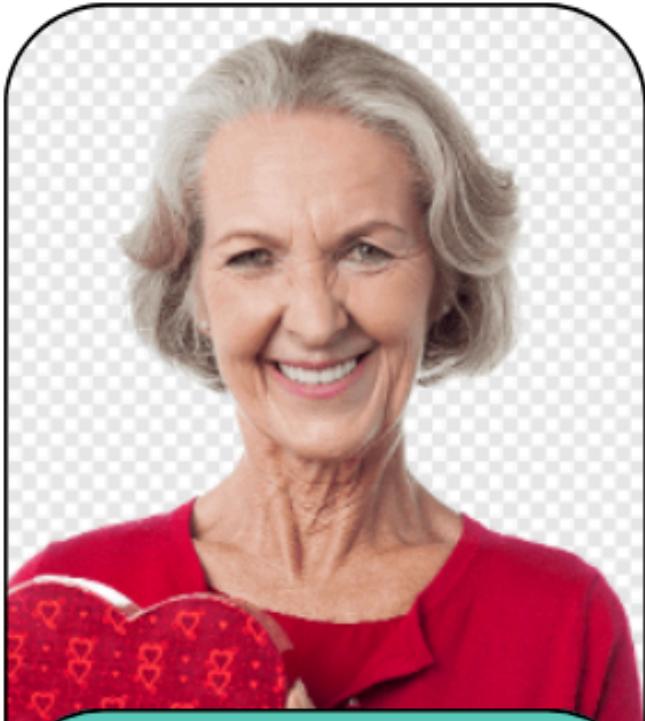
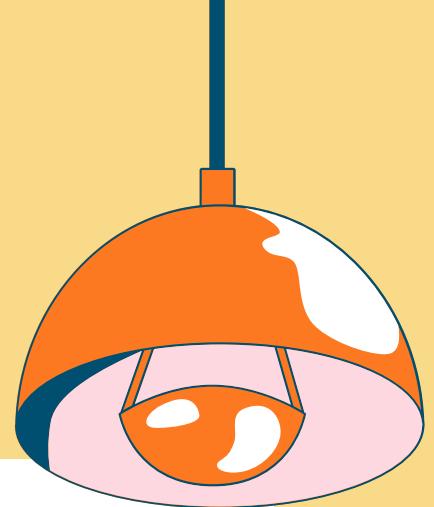
Survey Results

How important do you believe it is for the elderly to feel connected and supported by younger generations in our community?

10 Responses



Persona



Name : Mrs. Tan
Age: 78
Gender: Female
Occupation: Retired Librarian
Location: Jurong West Area

ABOUT

A warm-hearted, independent city dweller, widowed for over a decade. She lives alone, surrounded by her beloved novels and enjoys painting. Facing mobility challenges, she struggles with household chores.

LIKES

- Reading and discussing books
- Painting
- Interacting with people and sharing stories

DISLIKE

- Feeling dependent on others for basic tasks
- Being unable to afford essential items.
- Feeling isolated and lonely

PERSONALITY

- Kind-hearted
- Resilient
- Community-oriented
- Open-minded
- Conversational

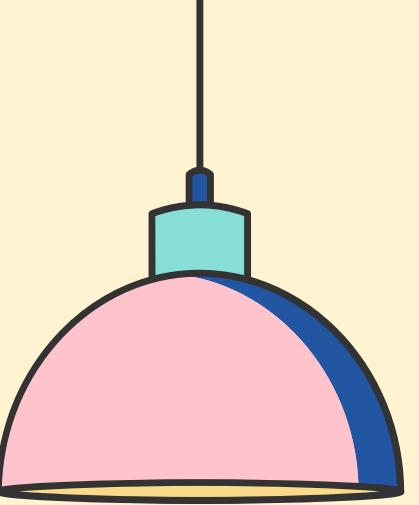
CHALLENGES

- **Limited Mobility:** Difficulty with grocery shopping and apartment cleaning due to physical constraints.
- **Financial Strain:** Managing monthly expenses is challenging on a fixed income, especially with rising costs.
- **Loneliness:** Feeling isolated due to the absence of friends, she seeks companionship and social interaction.

Needs

- **Assistance with Daily Chores:** Help with groceries and apartment cleaning due to mobility issues.
- **Financial Support:** She needs financial assistance to afford basic necessities like food.
- **Social Interaction:** Seeking companionship and interaction to combat loneliness and isolation.

Brainstorm

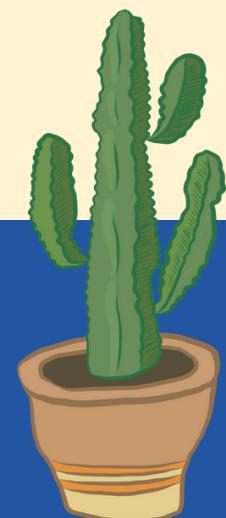


Collect information about elderly individuals across the country to understand their needs

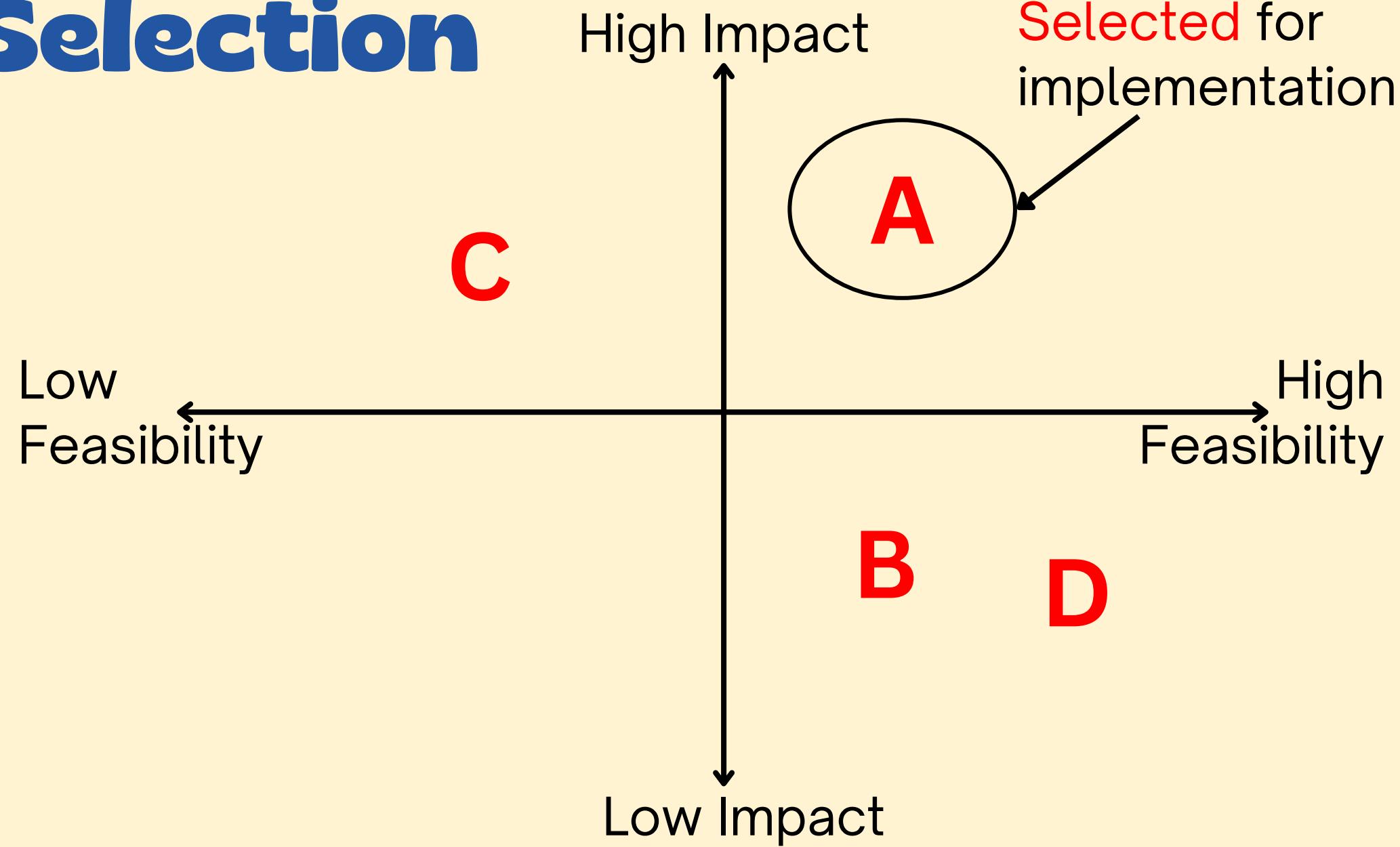
Caretaker job openings for elderly

Help the elderly by fulfilling their requests

Maintaining detailed records for individual elderly support and volunteer coordination



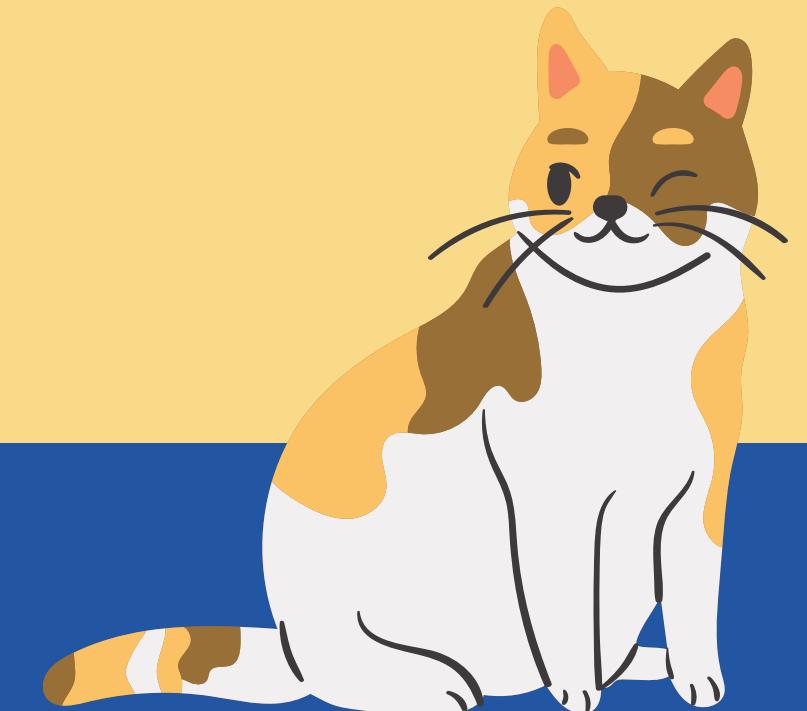
2x2 Matrix for Idea Selection



- A** - Seek help from the public as the elderly, and requests be opened to all volunteers
- B** - Check the status of elderly' information around the country.
- C** - Keeping detailed information on the elderly and the volunteering section for one-on-one elderly support.
- D** - Caretaker job openings for elderlies.

Application Concept

- To alleviate senior loneliness by fostering connections between the elderly and the younger generation.
- Elders can request simple assistance with food, medicine, and companionship, ensuring a supportive environment that eases the volunteer's commitment while creating intergenerational bonds.



Application Goal



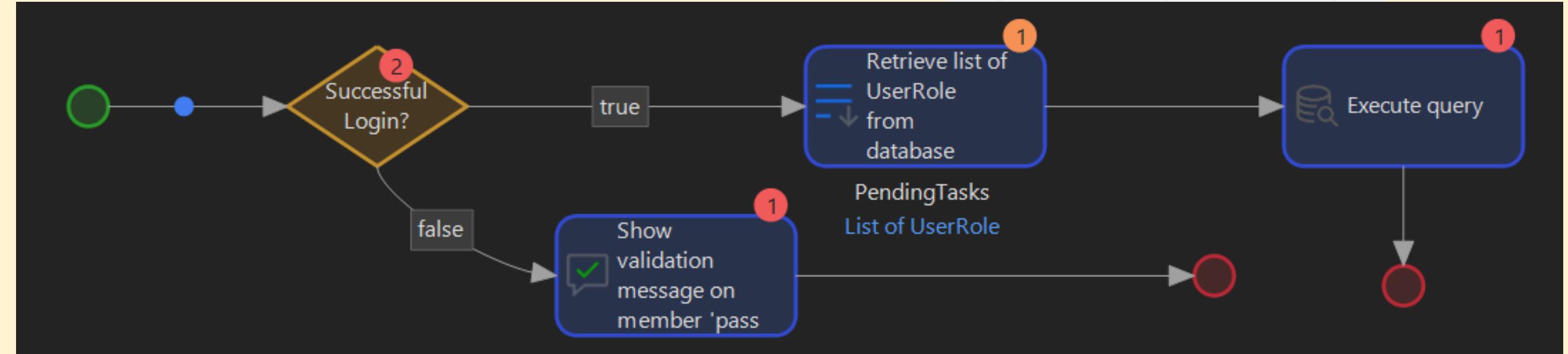
- Empower individuals to make a meaningful impact in the lives of seniors, one small act of kindness at a time.
- To bridge the gap between generations by fostering a community of care and support for the elderly

Align with UNSDG Goal 3



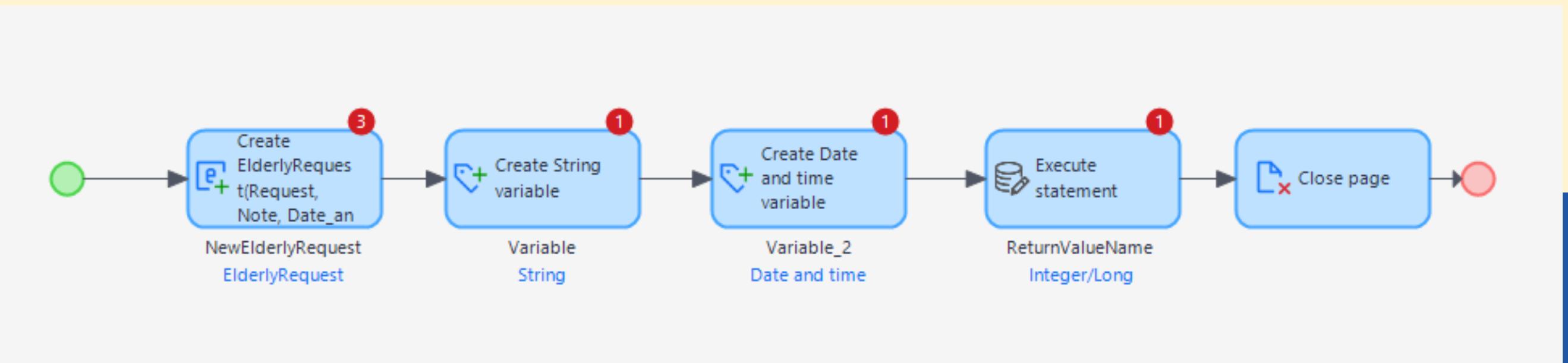
Block Diagram (Admin)

For log in with the face recognition as the AI implementation

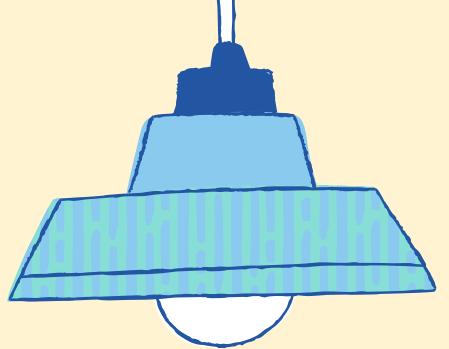


Block Diagram (Elderly)

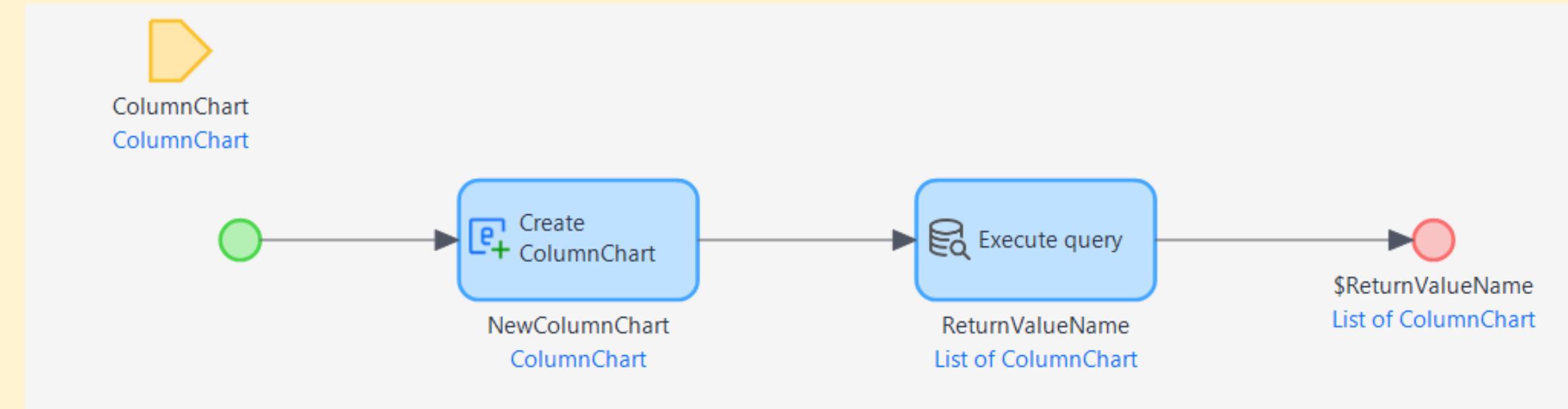
To store elderly requests in database



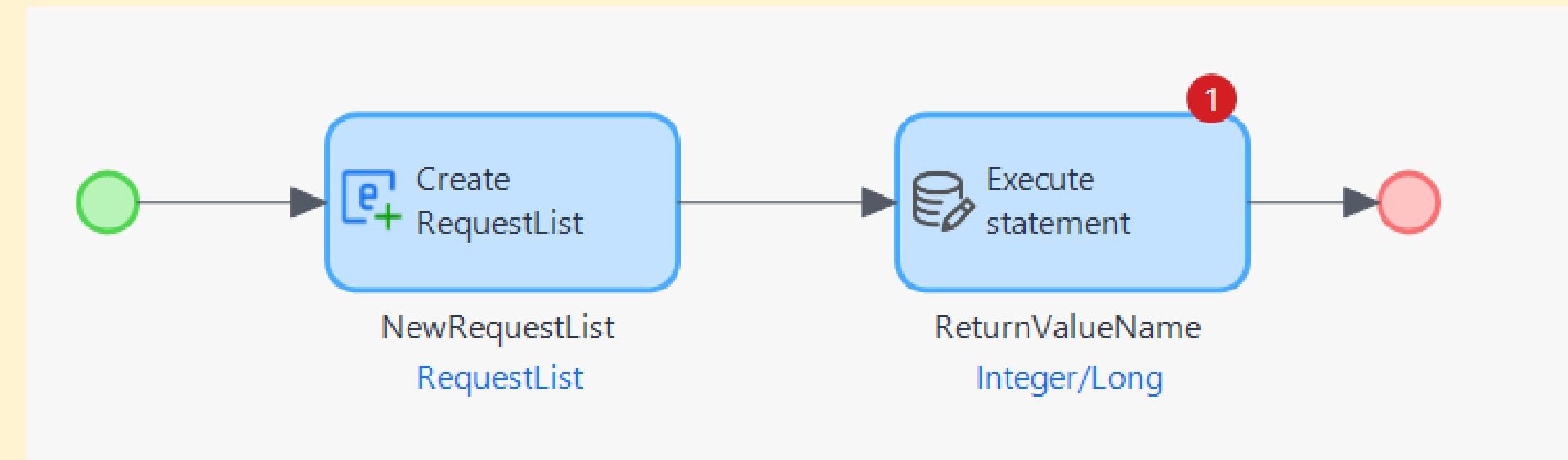
Block Diagram (User)



For Chart In User Page

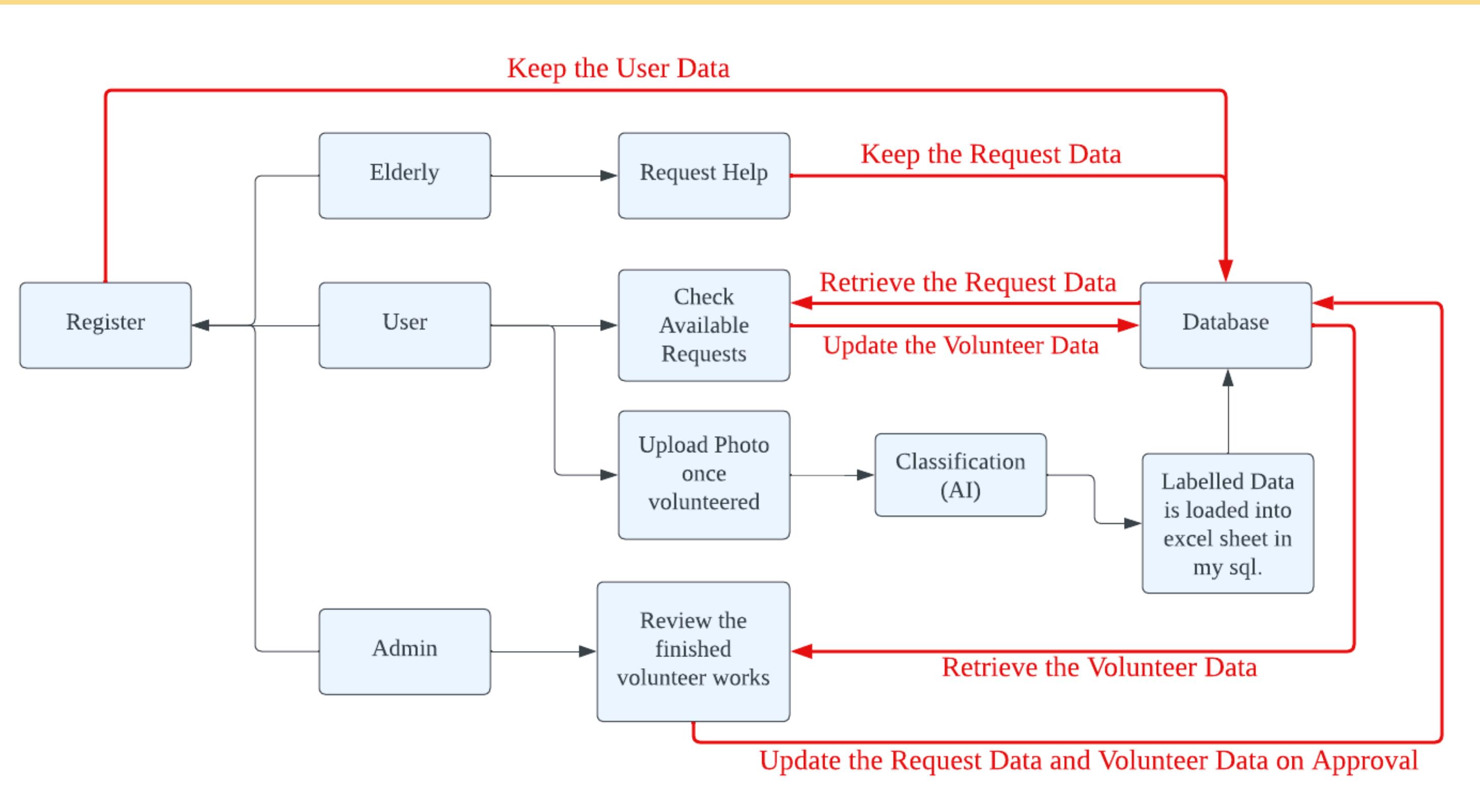


To get all elderly requests from database

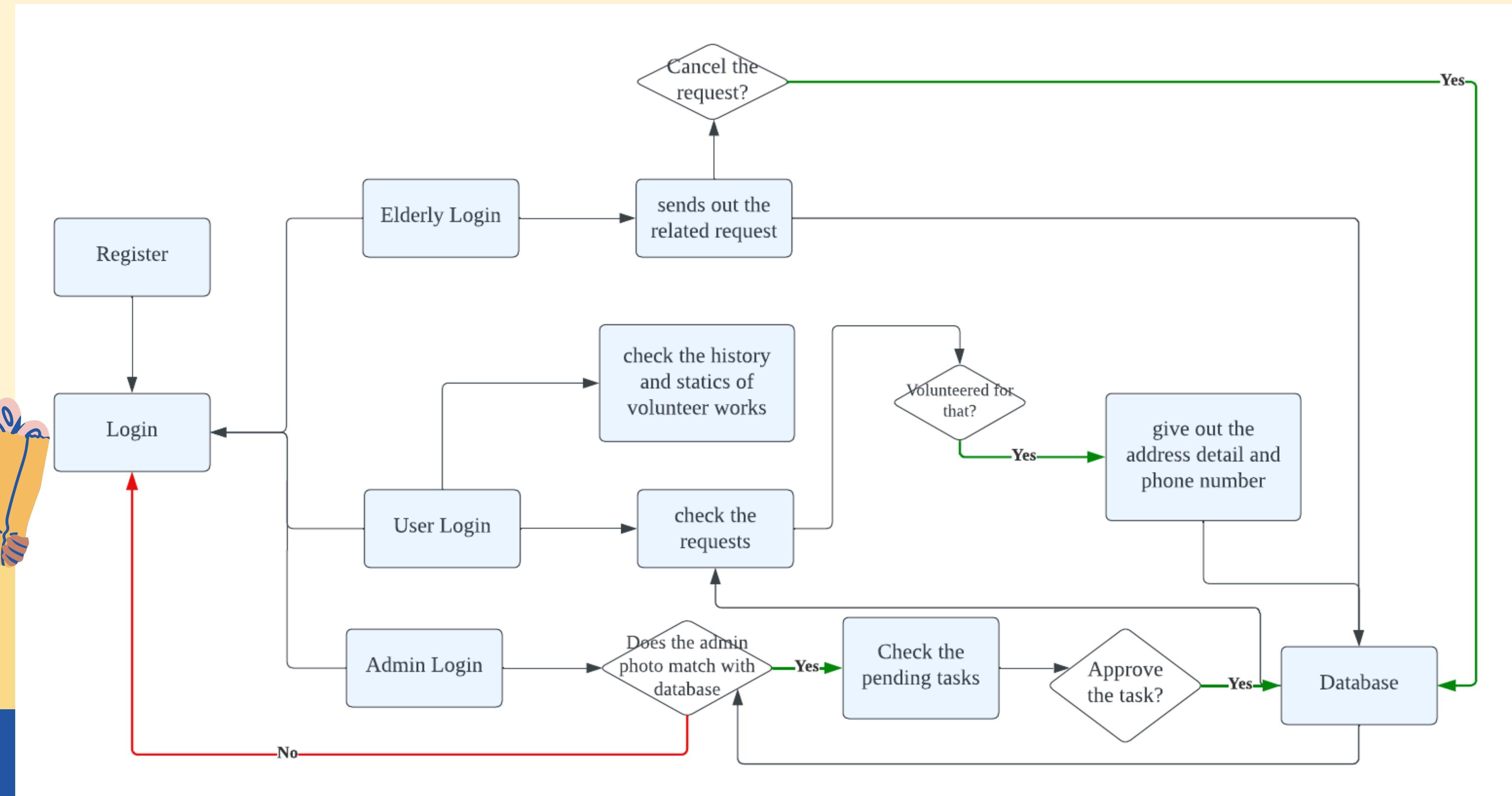


Data Flow

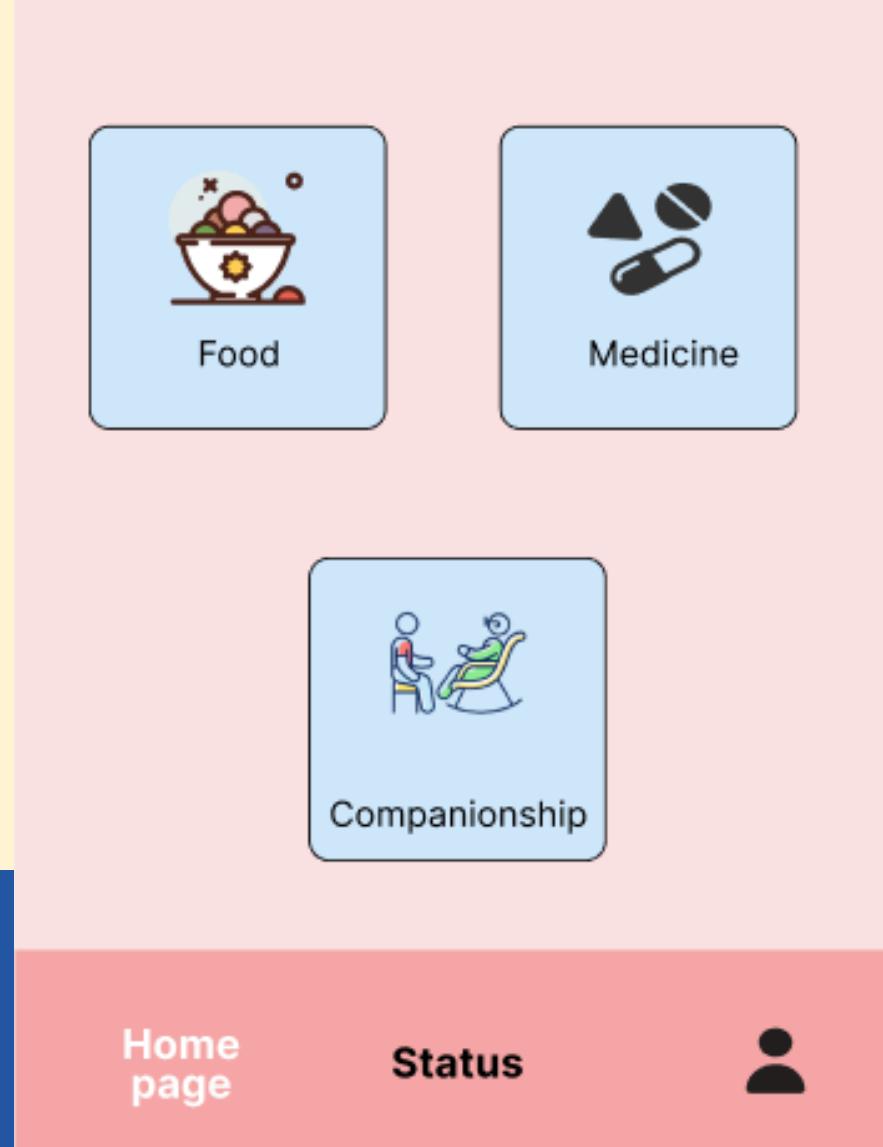
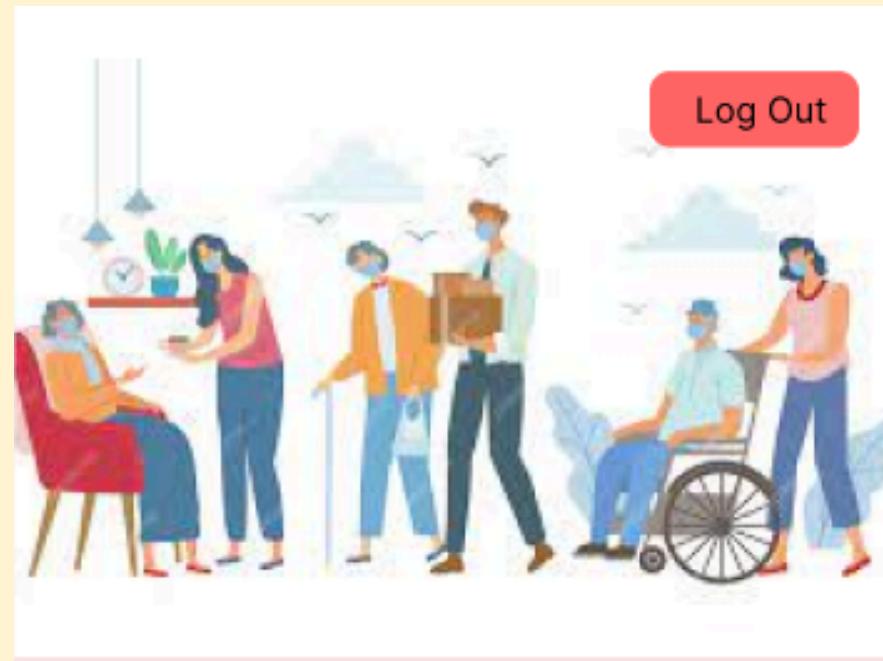
user
name (String)
password (String)
role (String)
postalCode (Integer)
status (String)
userID (AutoNumber)
requests
Req_ID (Integer)
Req_by(userID) (Integer)
Status (String)
Fulfilled_by(userID) (Integer)
volunteerHistory
request_ID (Integer)
volunteer_ID (Integer)
timestamp (Date and time)
status (String)



Flow Chart



Wireframe for Elderly



On this page, elderly can request **food**, **medicine**, and **companionship** while also being able to track the **status** of their requests.



Wireframe for Youths



List of Elderly Requests Log Out

Mrs. Tan Detail
Food Accept

Mr. John Detail
Medicine Accept

Mrs. Tan Detail
Companionship Accept

Mr. Peter Detail
Food Accept

All Requests On Going Profile

This page enables young individuals to view a **list of requests** made by the elderly, providing **details and approximate addresses** for each request. Upon clicking the '**Accept**' button, the requests move to the **ongoing page**



Wireframe for Admin



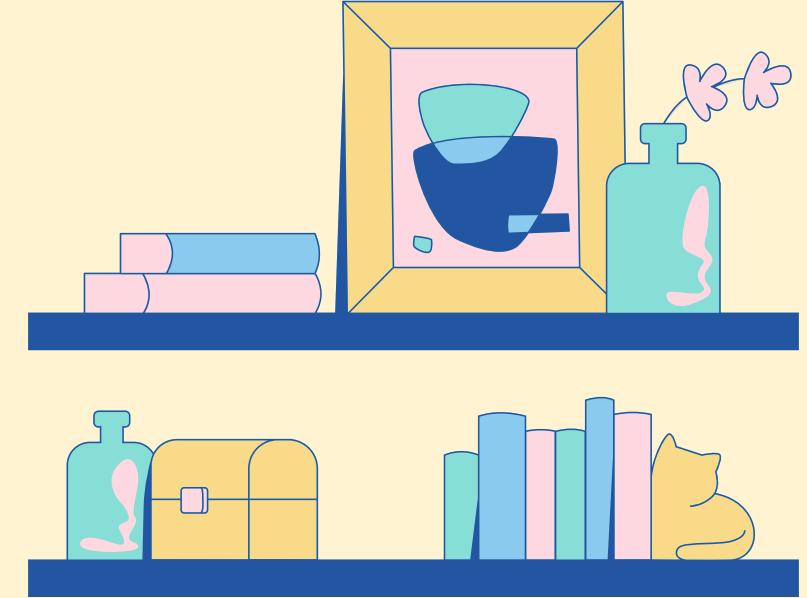
Log Out

Approve Volunteer Works

Volunteer By : Lotus Request ID : 1	Detail	Disapprove	Approve
Volunteer By : Su Request ID : 3	Detail	Disapprove	Approve
Volunteer By : El Request ID : 21	Detail	Disapprove	Approve
Volunteer By : Scarlett Request ID : 2	Detail	Disapprove	Approve
Volunteer By : Tom Request ID : 9	Detail	Disapprove	Approve

Golden Lifeline for elders

This page enables admin to check the volunteer works by the user before closing the case. That will guarantee the safety of elderlies and will allow us to run the application “scam-free”



Registration Booth

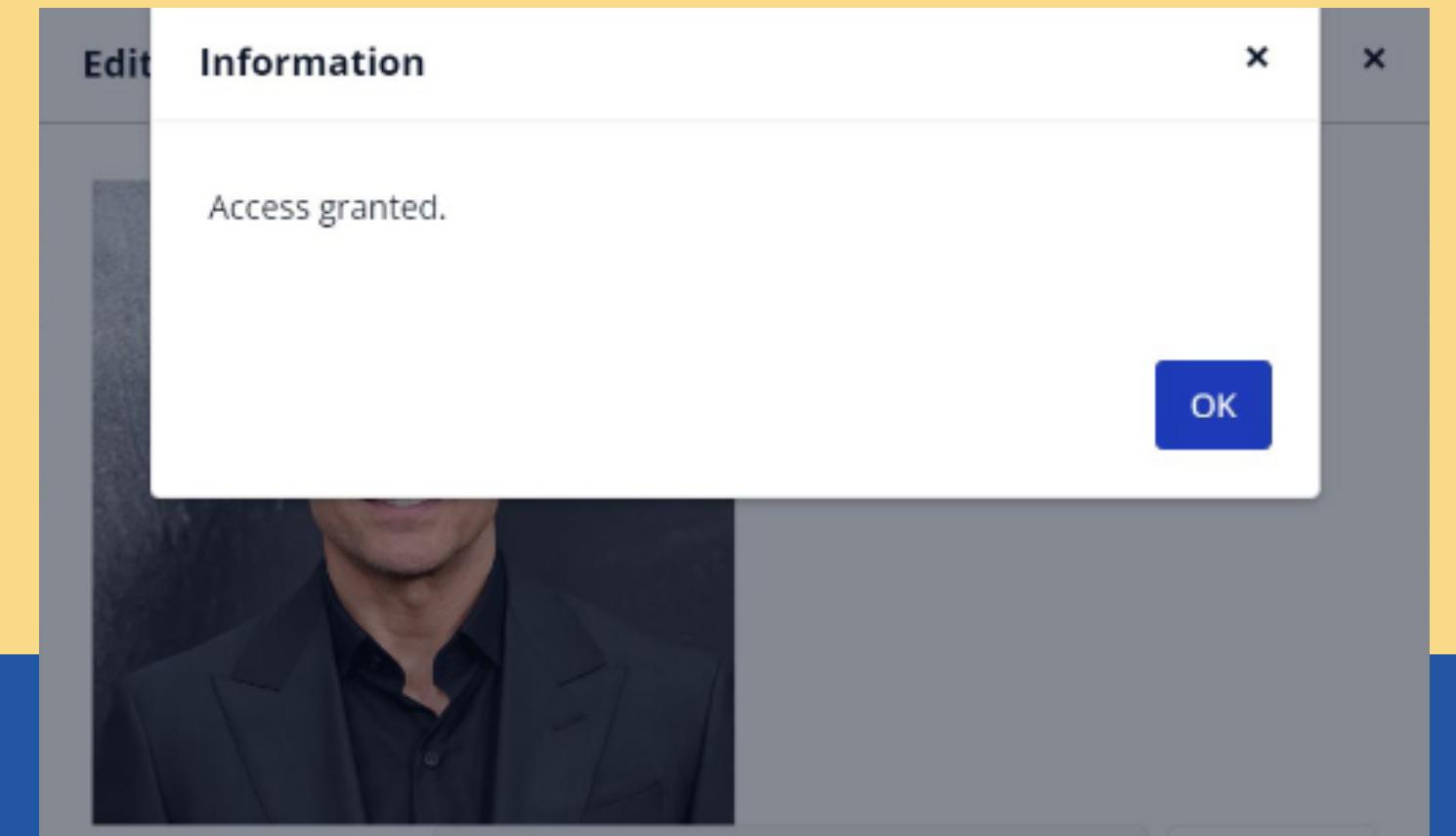
Volunteers



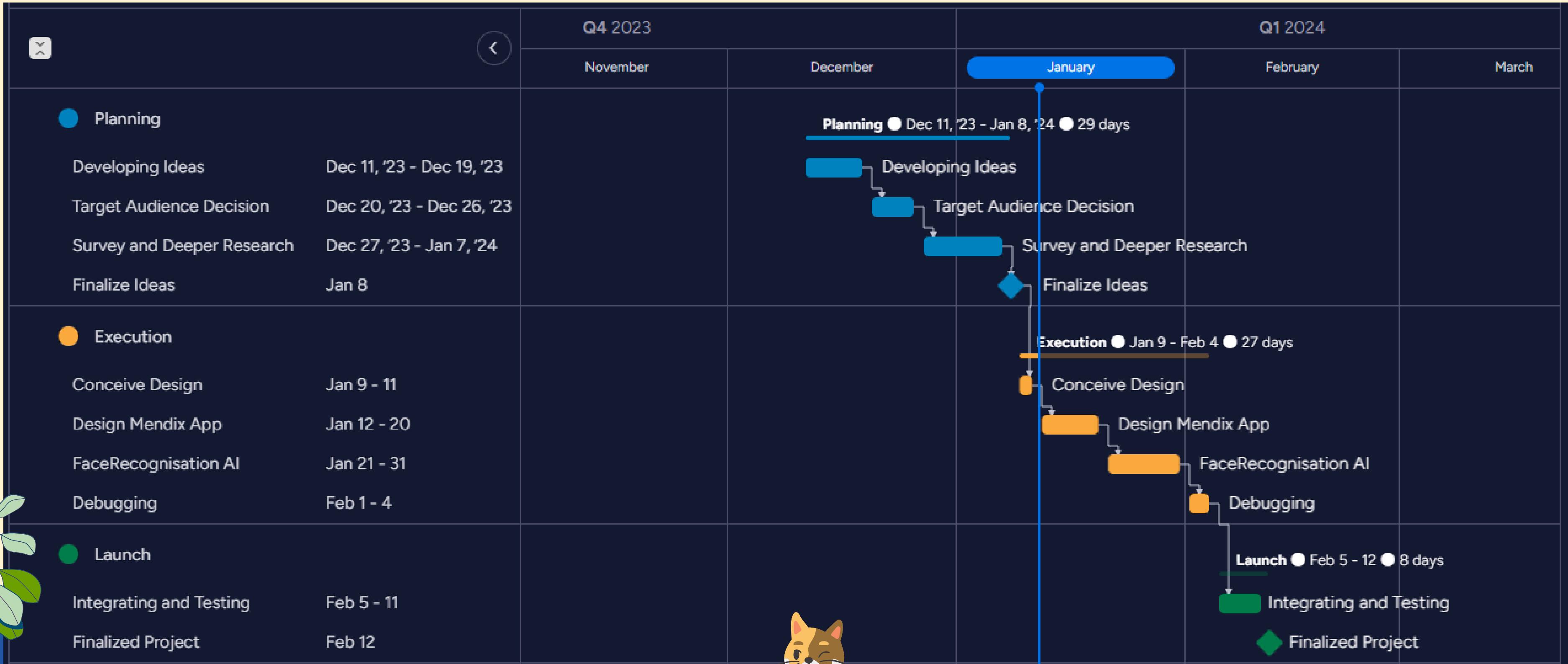
- inside the community club
- friendly environment for elderlies
- Volunteers from Community Service Clubs
- will help with registration and teach them how to use

AI Involvement

- Face Recognition
- identify the admin users
- Extra verification for admin users once they log in.



Gantt Chart

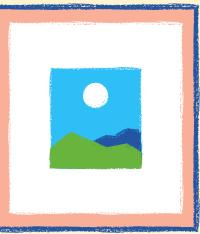


References

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Thank You



Question
&
Answer

