



Harvest Hero

BIOMEDICAL WEARABLE
TECHNOLOGIES FOR HEALTHCARE
AND WELLBEING

Harvest Hero





Harvest Hero

OUR TEAM



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Notion

RSM RSM HQ / Harvest Hero Application Project Pi... Edited Jun 9 M Share ⏲ ⏴ ⏵ ...

Harvest Hero Application

By Project Board All tasks +

Project Pipeline

Harvest Hero Application 9

Aa Task name	Status	Assignee	Due	Priority
Determine the project topic	Done	Mehves Koksa Betul Sena Petek Reza Sarkhosh	April 28, 2024	High
Planning to project using Notion	Done	Betul Sena Petek Mehves Koksa	April 28, 2024 → April 30, 2024	Medium
Find the main problem about Target2.3	Done	Betul Sena Petek Mehves Koksa Reza Sarkhosh	April 30, 2024 → May 3, 2024	Medium
Determine the our solution as application	Done	Betul Sena Petek Mehves Koksa Reza Sarkhosh	April 7, 2024 → April 10, 2024	High
Literature Search	Done	Betul Sena Petek Mehves Koksa Reza Sarkhosh	April 10, 2024 → April 17, 2024	Medium
Improve Code part with Flutter	Done	Reza Sarkhosh	April 10, 2024 → April 17, 2024	High
Improve the application parameters	Done	Mehves Koksa Betul Sena Petek Reza Sarkhosh	May 31, 2024 → June 4, 2024	High
Prepare Demo Part	Done	Betul Sena Petek Mehves Koksa Reza Sarkhosh		Medium
Prepare Presentation	Done	Betul Sena Petek Mehves Koksa Reza Sarkhosh		High

+ New COMPLETE 9/9

1 hidden group + Add a group

Up upgrade plan

Target 2.2

By 2030, end all forms of malnutrition, including achieving,

by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons.



What is Harvest Hero



“Harvest Hero” is an app that aims to promote a community-focused approach to ending hunger and promoting sustainable agriculture, ultimately contributing to a healthier and more equitable food system. Thanks to this application, people can more easily access the nutrients they need.



PURPOSE



Thanks to this application, we aim to ensure that people can access the products they need more easily.

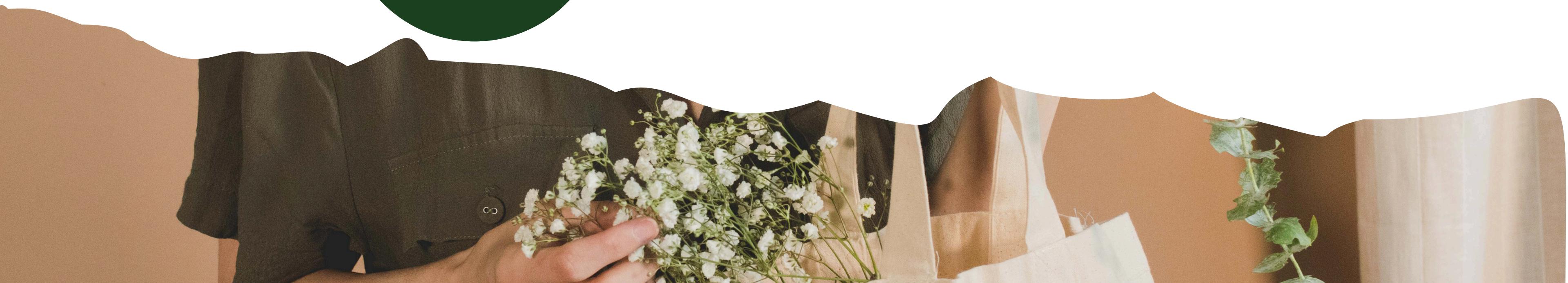
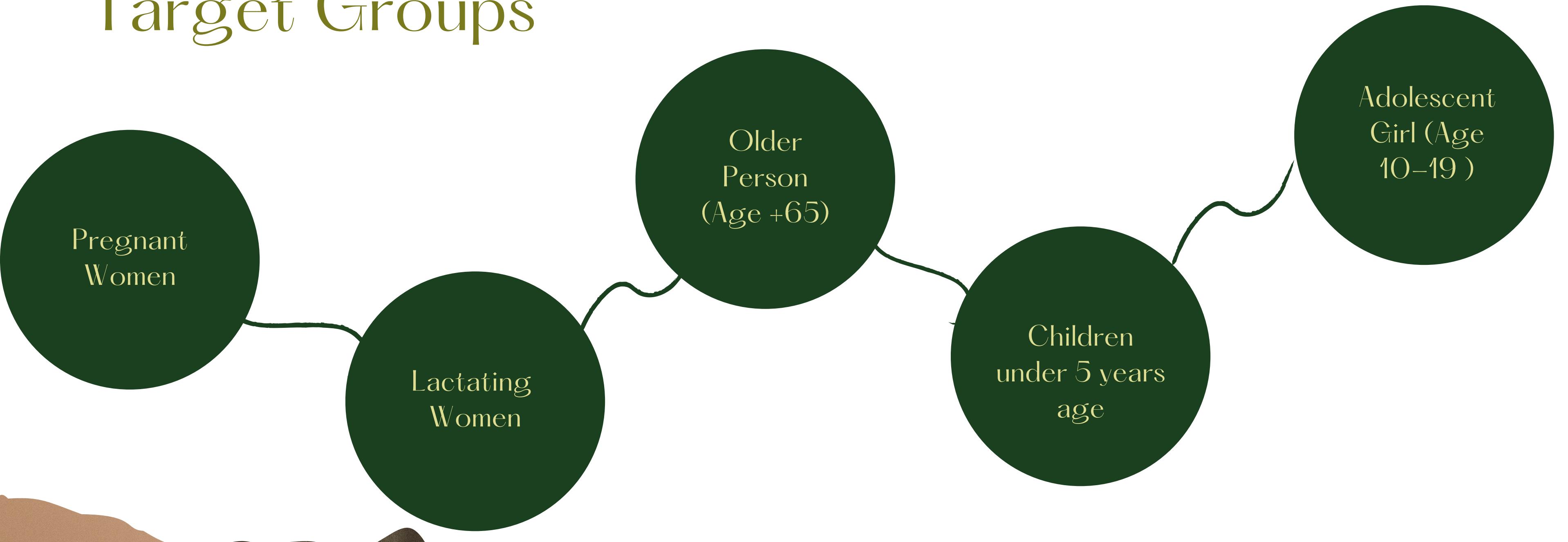
Donors can determine whether the food they donate reaches certain groups of people.

Thus, we both encourage social cooperation and contribute to the more efficient use of resources.

We make it our mission to increase solidarity and sharing in our society by bringing together those in need and those who are helpful.



Target Groups





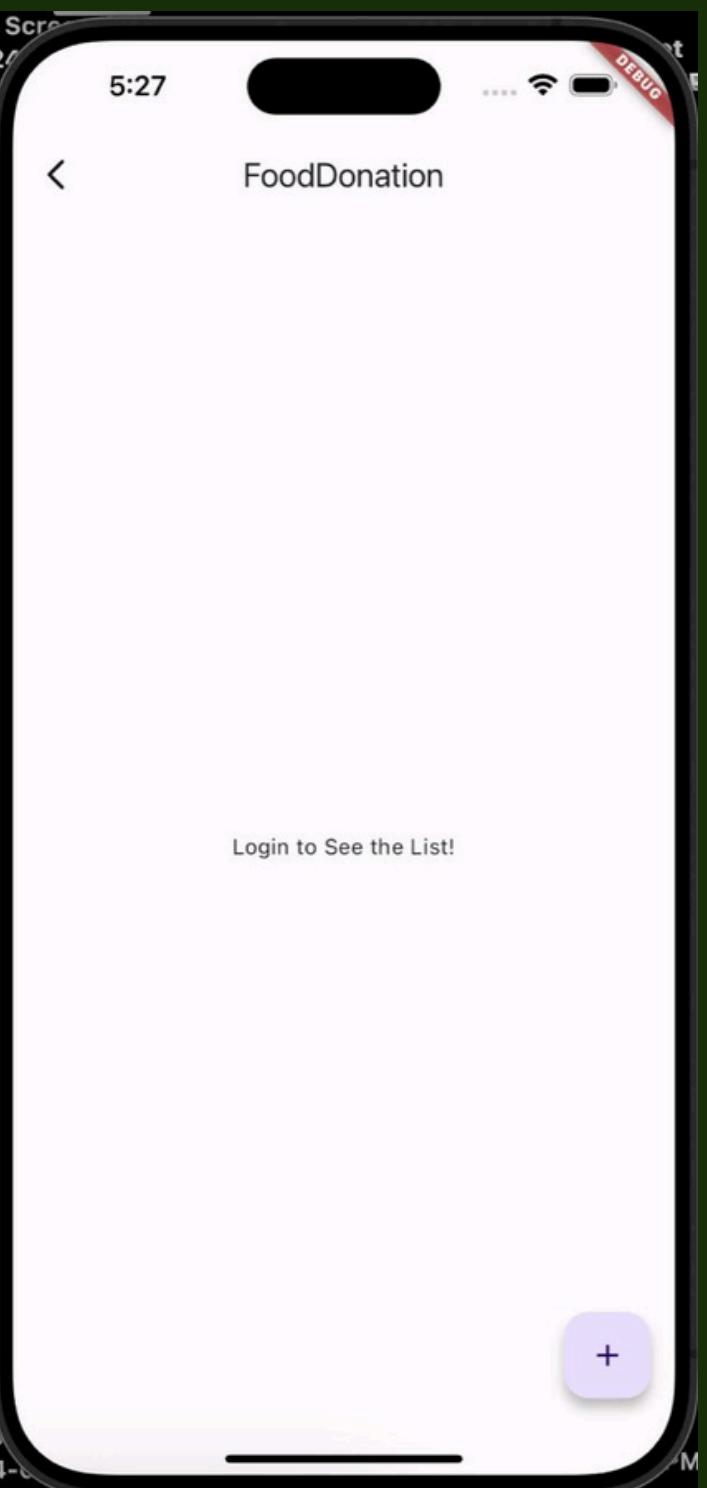
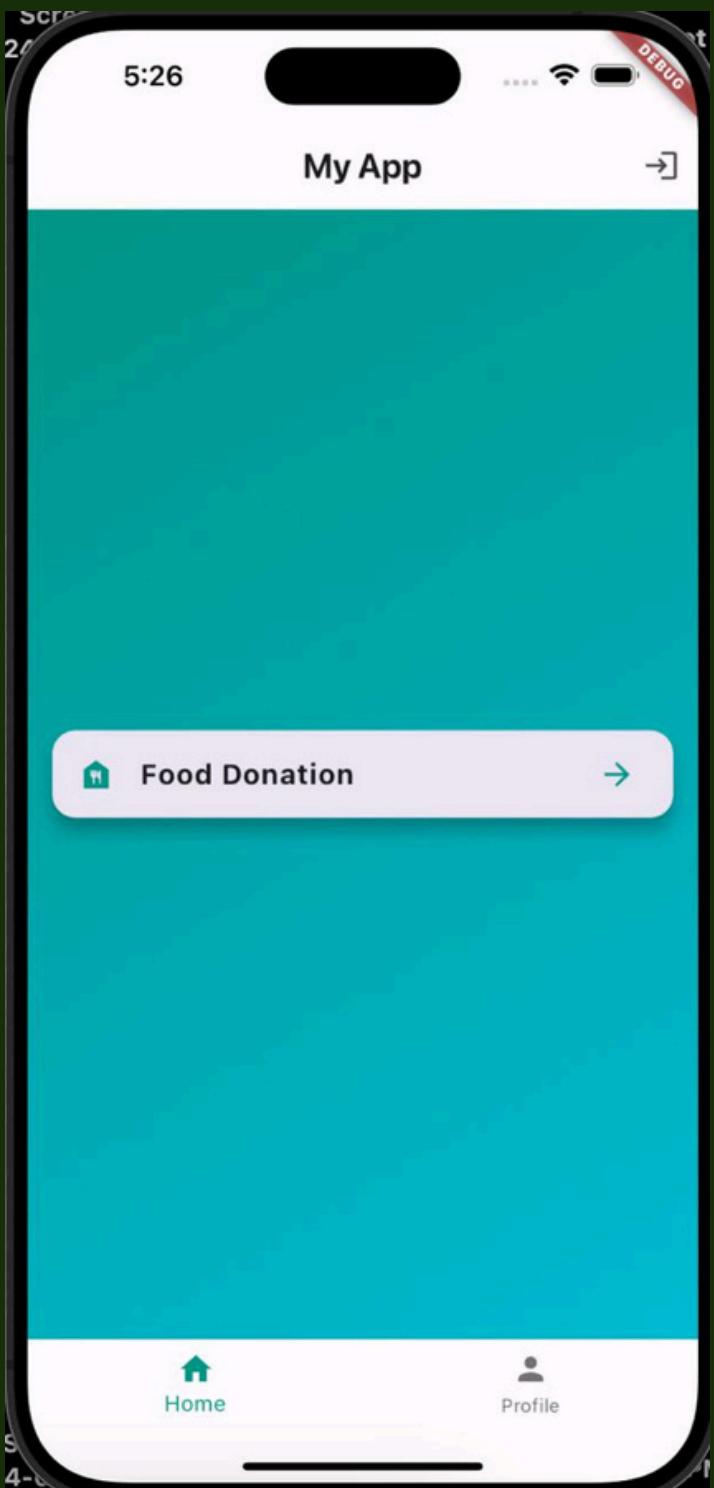
Donor

Should be register to the application
Should be login for the donation
Can give foods for specific groups
Can add expired date of donation food
Only donors can delete their donated food

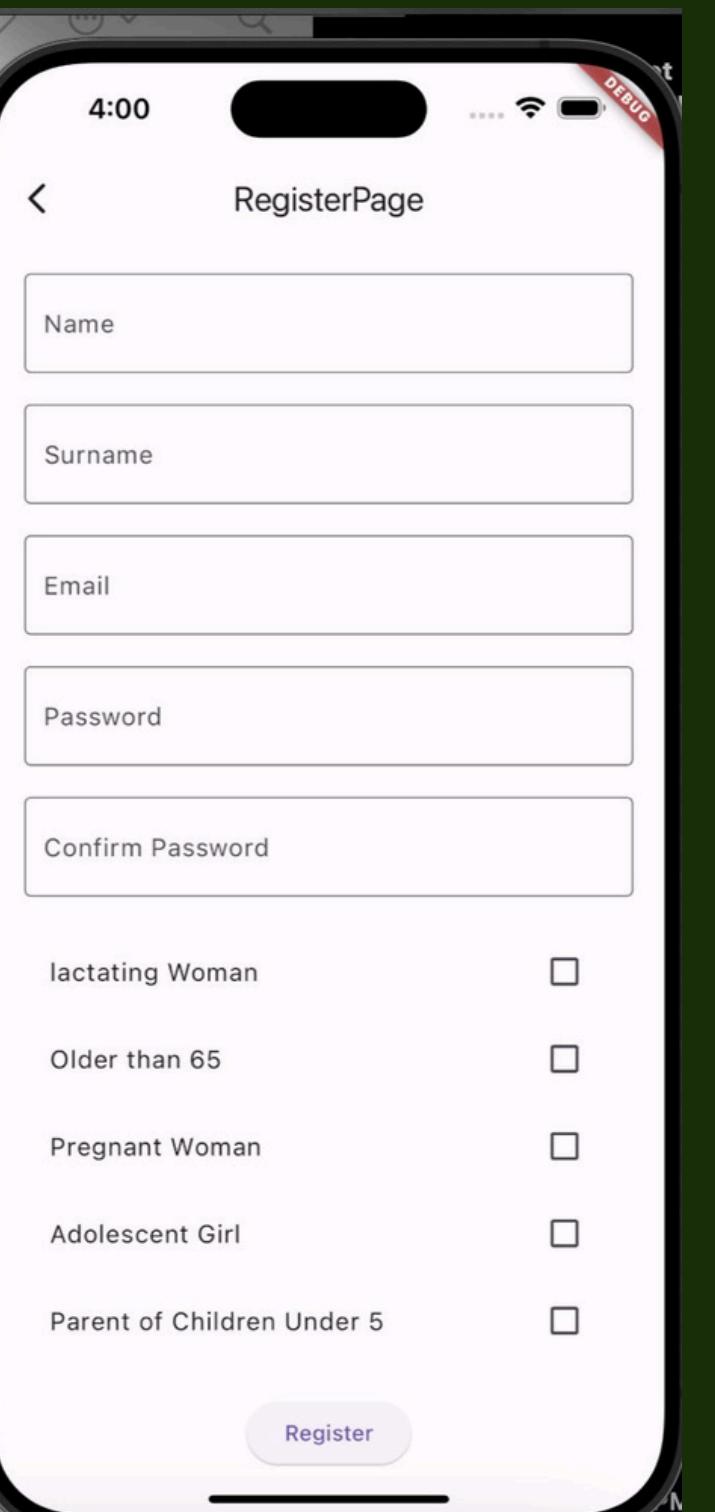
Receiver

Should be register to take food
Should select specific group as their identity
Can select food from donation list
Only eligible people can get in contact with
Donors

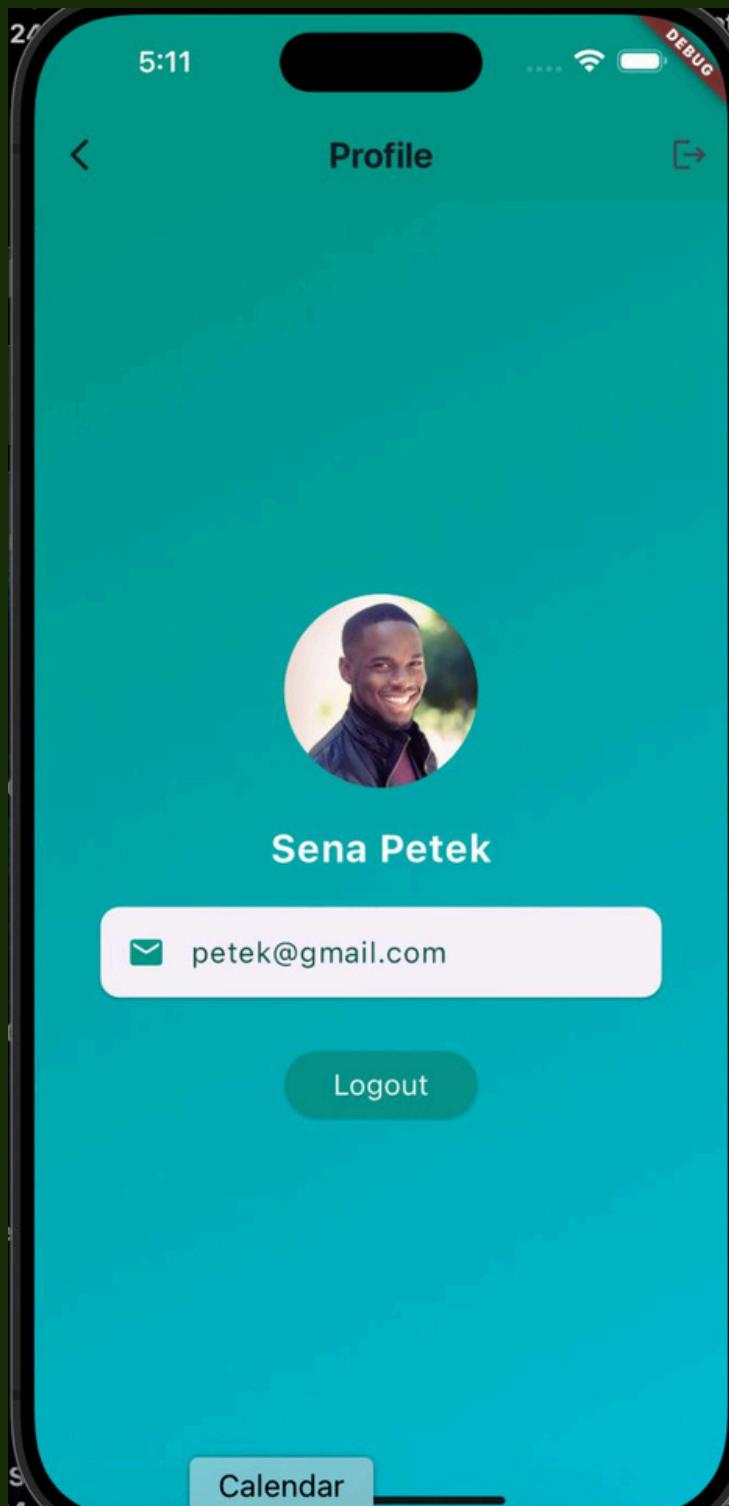
Enter to Application



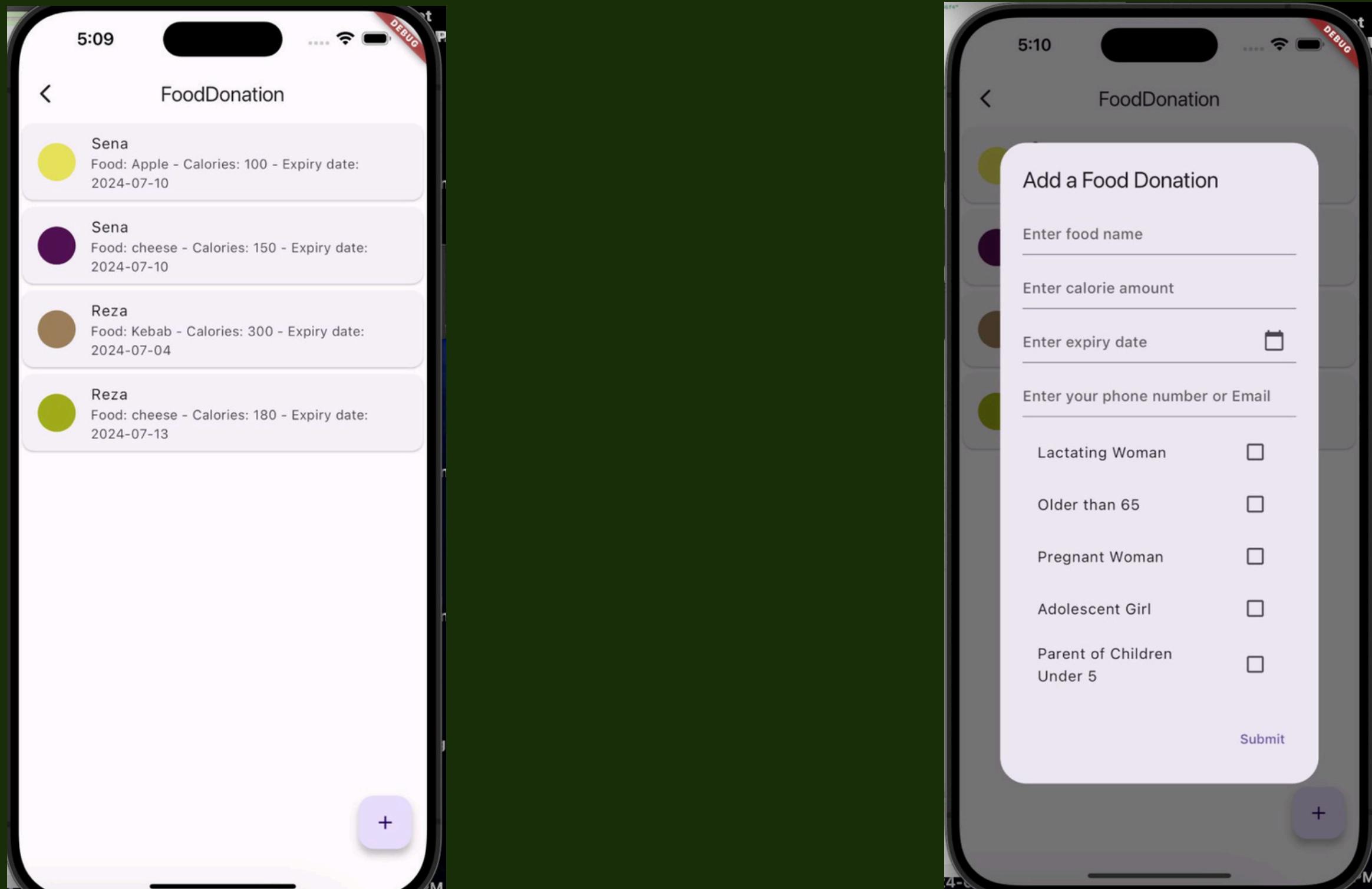
Registration Page



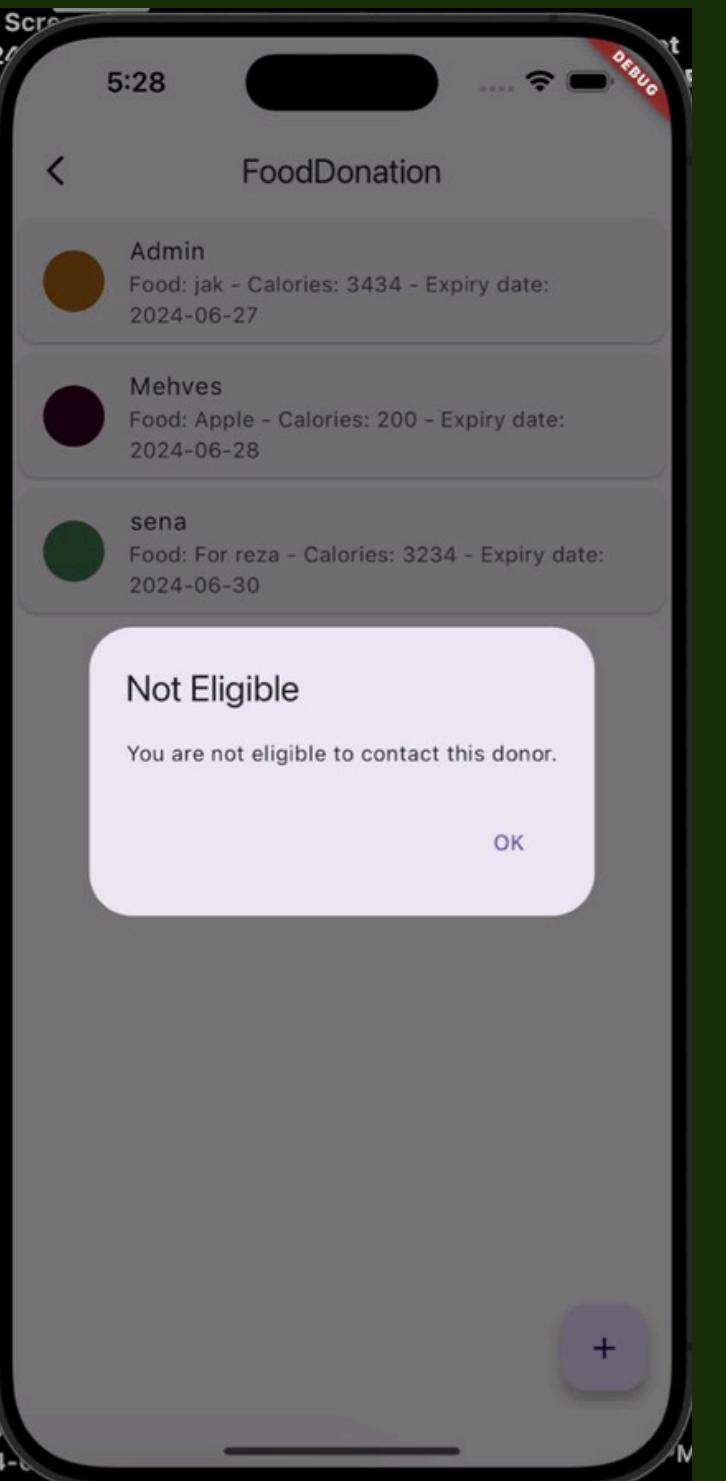
Profile Page



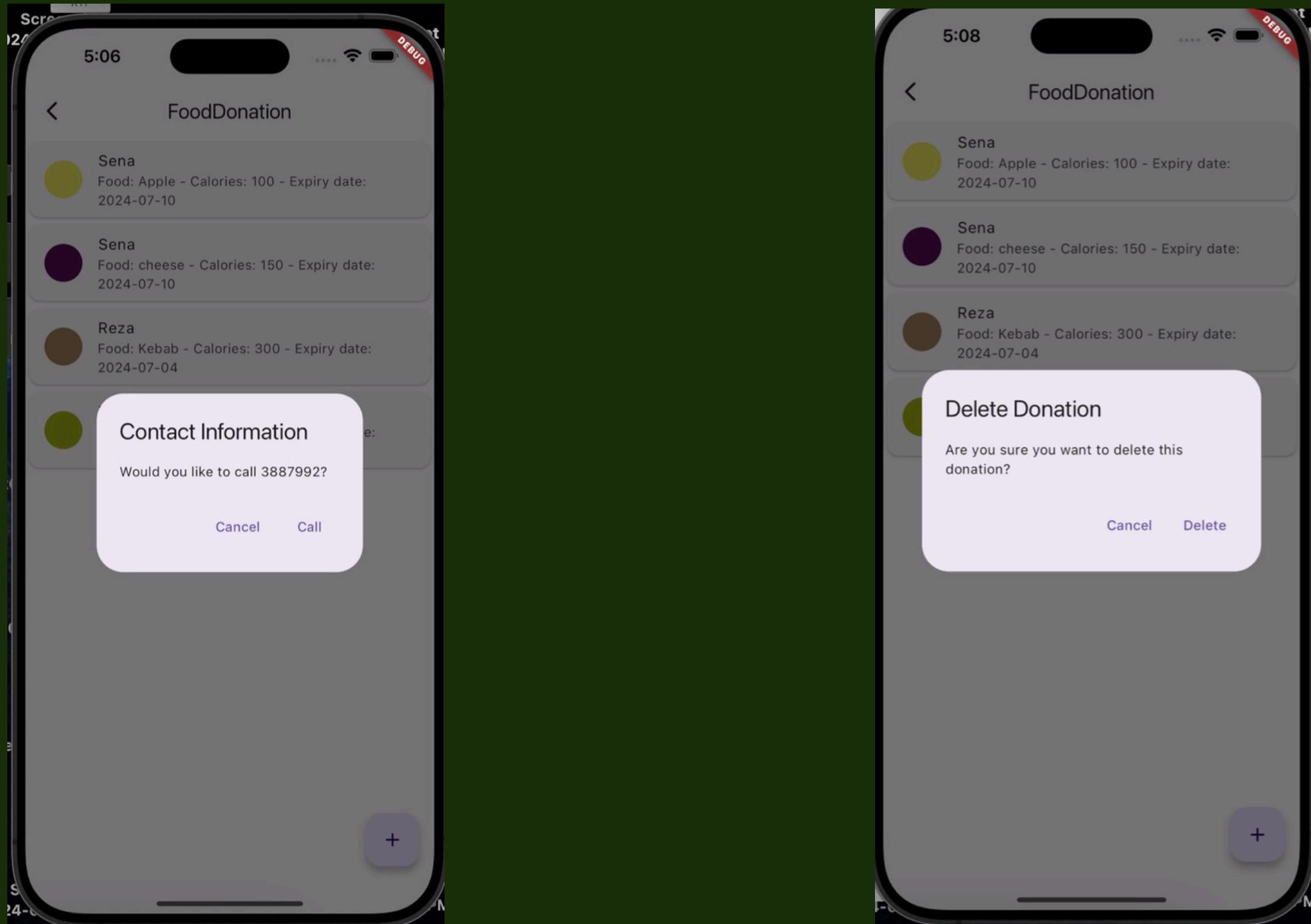
Food Donation Page



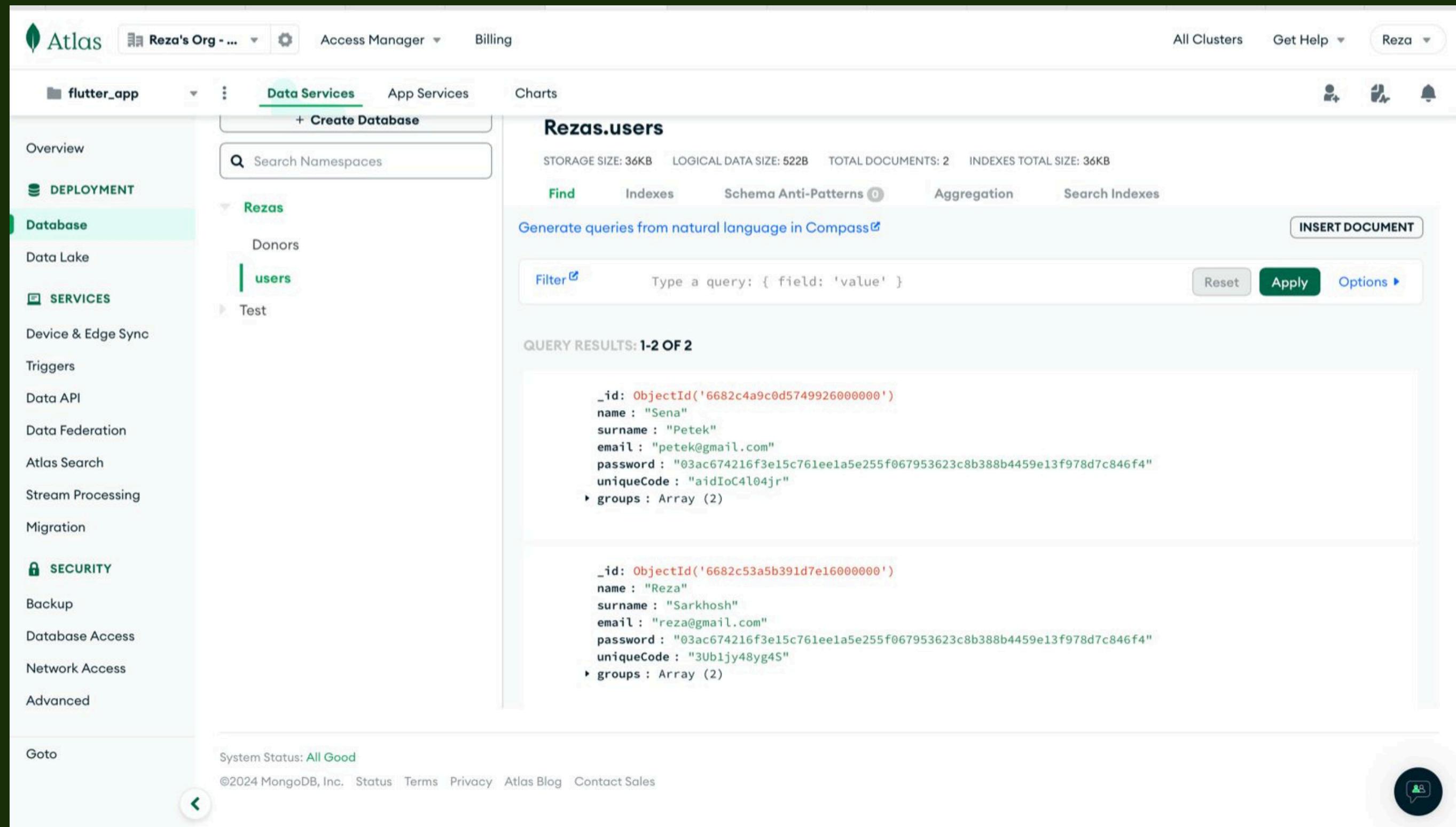
Specificity of Applications



Specificity of Applications



Database Connection



The screenshot shows the MongoDB Atlas interface for the 'Rezas' database. The left sidebar includes sections for Overview, Deployment (with 'flutter_app' selected), Database (with 'users' selected), Services, and Security. The main panel displays the 'Rezas.users' collection with 2 documents. The first document is:

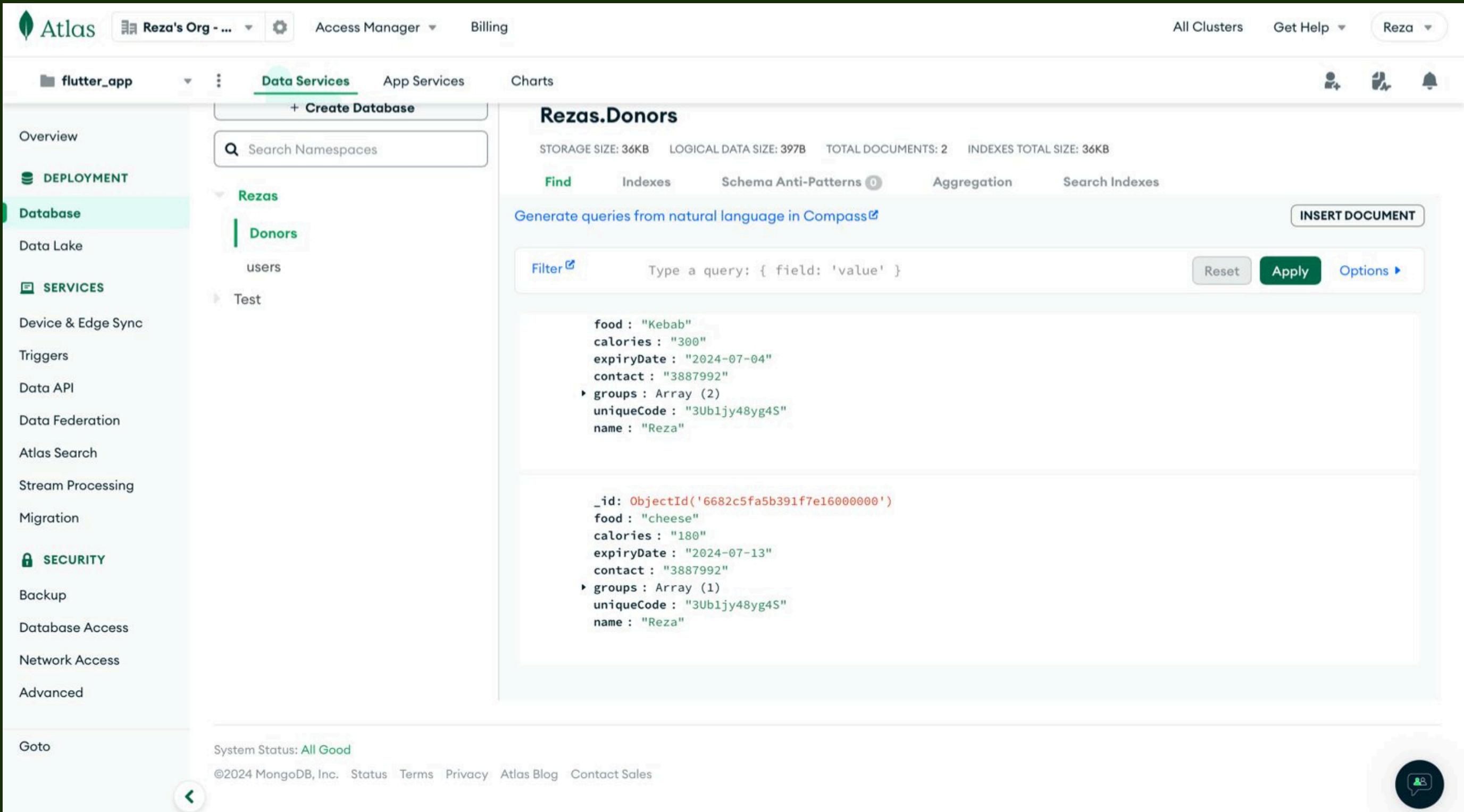
```
_id: ObjectId('6682c4a9c0d5749926000000')
name : "Sena"
surname : "Petek"
email : "petek@gmail.com"
password : "03ac674216f3e15c761ee1a5e255f067953623c8b388b4459e13f978d7c846f4"
uniqueCode : "aidIoC4l04jr"
groups : Array (2)
```

The second document is:

```
_id: ObjectId('6682c53a5b391d7e16000000')
name : "Reza"
surname : "Sarkhosh"
email : "reza@gmail.com"
password : "03ac674216f3e15c761ee1a5e255f067953623c8b388b4459e13f978d7c846f4"
uniqueCode : "3Ub1jy48yg4S"
groups : Array (2)
```

At the bottom, the status is shown as 'All Good'.

Database Connection



The screenshot shows the MongoDB Atlas interface for the 'Rezas.Donors' database namespace. The left sidebar navigation includes sections for Overview, DEPLOYMENT, Database (selected), Data Lake, SERVICES (Device & Edge Sync, Triggers, Data API, Data Federation, Atlas Search, Stream Processing, Migration), and SECURITY (Backup, Database Access, Network Access, Advanced). The main panel displays the 'Rezas.Donors' namespace details: STORAGE SIZE: 36KB, LOGICAL DATA SIZE: 397B, TOTAL DOCUMENTS: 2, INDEXES TOTAL SIZE: 36KB. It features tabs for Find, Indexes, Schema Anti-Patterns (0), Aggregation, and Search Indexes. A search bar for 'Search Namespaces' is present. Below the namespace details, there is a section for generating natural language queries in Compass, with an 'INSERT DOCUMENT' button. A query builder allows for filtering and applying queries. Two document snippets are shown:

```
food : "Kebab"
calories : "300"
expiryDate : "2024-07-04"
contact : "3887992"
groups : Array (2)
uniqueCode : "3Ub1jy48yg4S"
name : "Reza"

_id: ObjectId('6682c5fa5b391f7e16000000')
food : "cheese"
calories : "180"
expiryDate : "2024-07-13"
contact : "3887992"
groups : Array (1)
uniqueCode : "3Ub1jy48yg4S"
name : "Reza"
```

At the bottom, the system status is listed as 'All Good'. Navigation links include Goto, Status, Terms, Privacy, Atlas Blog, Contact Sales, and a feedback icon.

University of
Padua

Thank You !

Betül Sena Petek
Reza Sarkhosh
Mehvesh Koksa