

GUI / Working modules / Experimental results

1 Web application:

The screenshot shows a web application interface for data migration. On the left is a vertical navigation menu with links for Home, Requests, Data Migration (highlighted), and Log out. The main content area is titled "Data Migration" and "Step 1 of 4". The form is titled "Personal details of Anuraag" and contains the following fields:

First name	Middle name	Surname
Anuraag	R	Poddar
Date of birth	Place of birth	Blood group
01 Jan 2002	Pune	AB+
Religion	Caste	
Hindu	Brahmin	
Gender	Physical disability	
Male	No	
Marital Status		
Single		
Personal identification mark		
NA		

A "Next" button is located at the bottom of the form.

Figure 1.1: Data migration form (Step 1: Personal details)

The screenshot shows the second step of the data migration process. The navigation menu and "Data Migration" header are the same. The main content area is titled "Data Migration" and "Step 2 of 4". The form is titled "Contact details of Anuraag" and contains the following fields:

Contact number of Anuraag	Emergency contact number	Email id
9876543210	987854321	anuraag@email.com
Current address		
S/No: 07/07, Hidden Park Rd, Near Adventure Villa, Pune, 411001		

At the bottom of the form, there are "Back" and "Next" buttons.

Figure 1.2: Data migration form (Step 2: Contact details)

Data Migration
Step 3 of 4

Educational qualification of Anuraag

10th percentage	10th board	
<input type="text" value="70"/>	<input type="text" value="Maharashtra SSC"/>	
12th / Diploma percentage	12th / Diploma board	
<input type="text" value="87"/>	<input type="text" value="MSBIL"/>	
Undergraduate percentage / GPA	Field (Major)	Undergraduate university
<input type="text" value="9"/>	<input type="text" value="Engineering"/>	<input type="text" value="SPPU"/>
Postgraduate percentage / GPA	Field (Major)	Postgraduate university
<input type="text"/>	<input type="text" value="Select"/>	<input type="text" value="Select"/>

Figure 1.3: Data migration form (Step 3: Education details)

Data Migration
Step 4 of 4

Previous postings of Anuraag

Overall behaviour: Upload service book:

▼ Details of institute #1

Institute name #1	<input type="text" value="Kendriya Vidyalaya, Southern Command, Pune"/>		
Date of joining	<input type="text" value="10-Jan-2023"/>	Date of leaving	<input type="text" value="dd----yyyy"/>
Post #1	<input type="text" value="Assistant professor"/>	Subject #1	<input type="text" value="Data structures and algorithms"/>
Starting salary #1	<input type="text" value="50000"/>	Ending salary #1	<input type="text"/>
Remark by authority #1	<input type="text" value="NA"/>		

► Details of institute #2

► Details of institute #3

Figure 1.4: Data migration form (Step 4: Previous postings details)

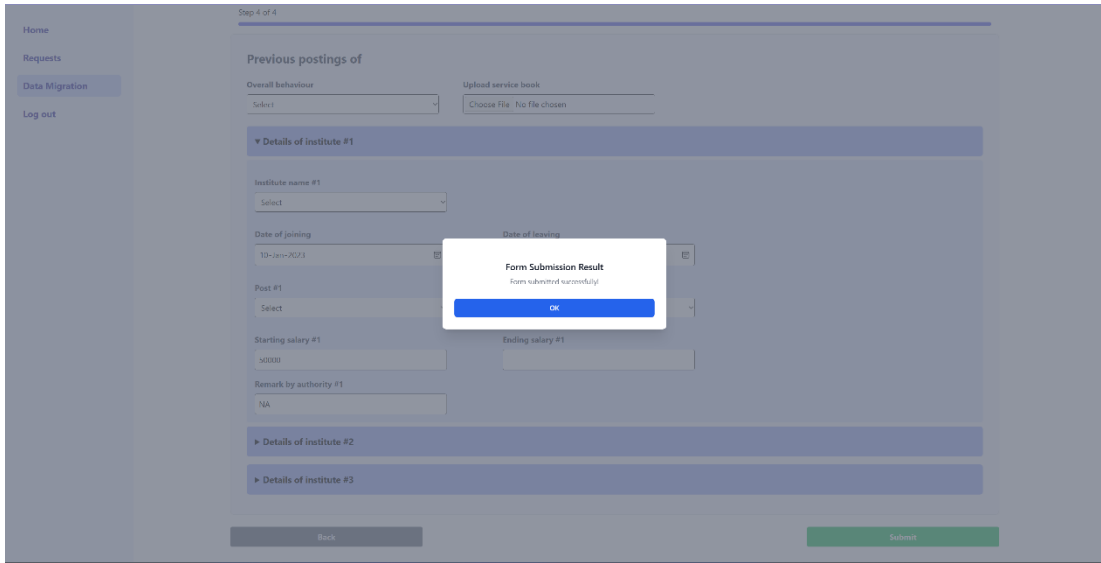


Figure 1.5: Data migration form (Success)

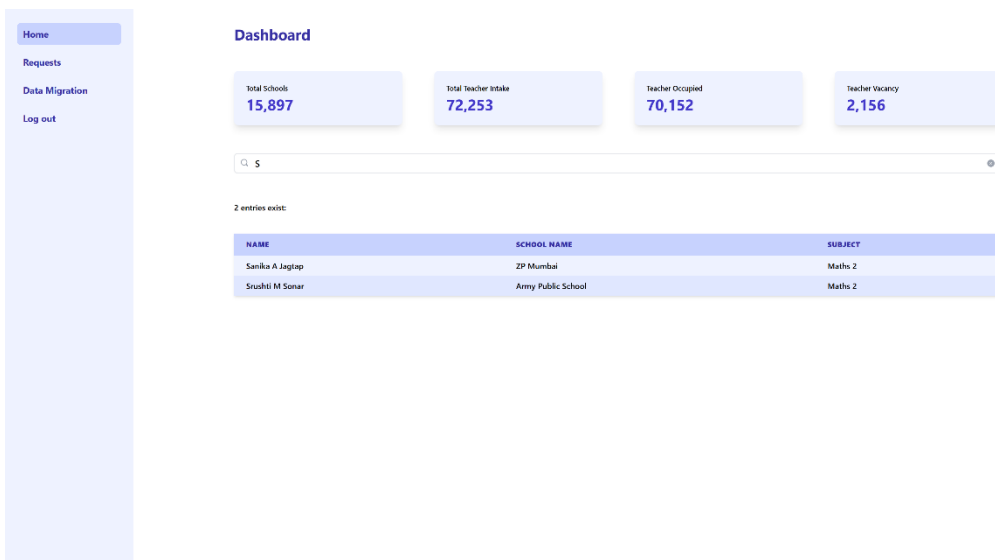


Figure 1.6: Dashboard / Search panel

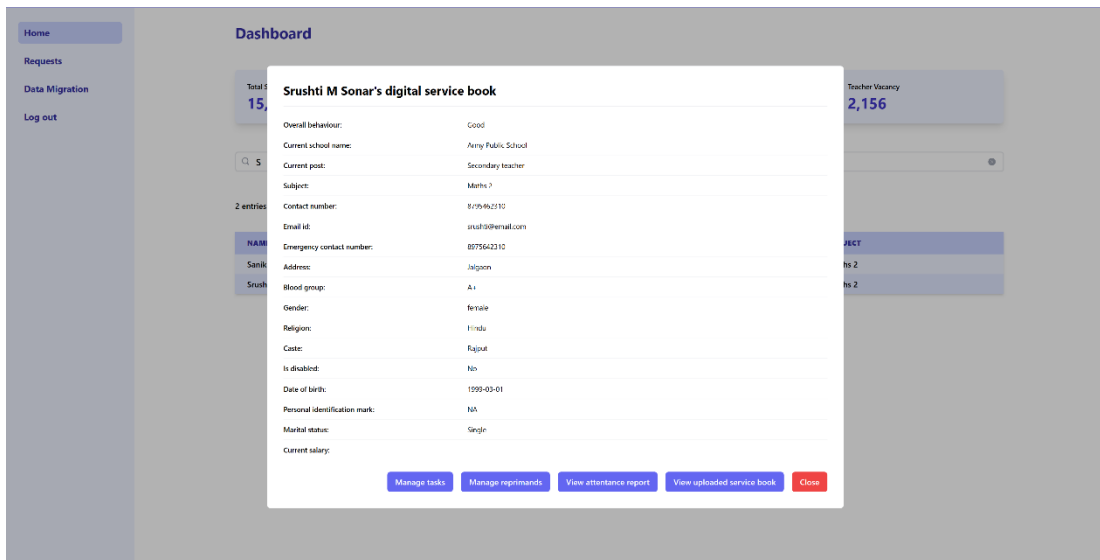


Figure 1.7: Digital service book

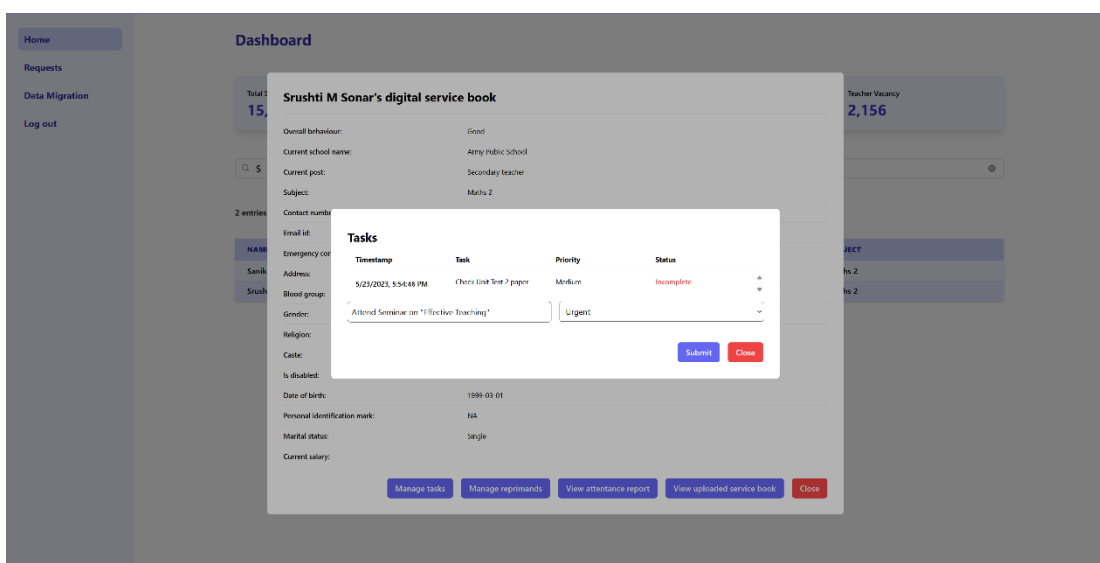


Figure 1.8: Task details (Add / View tasks)

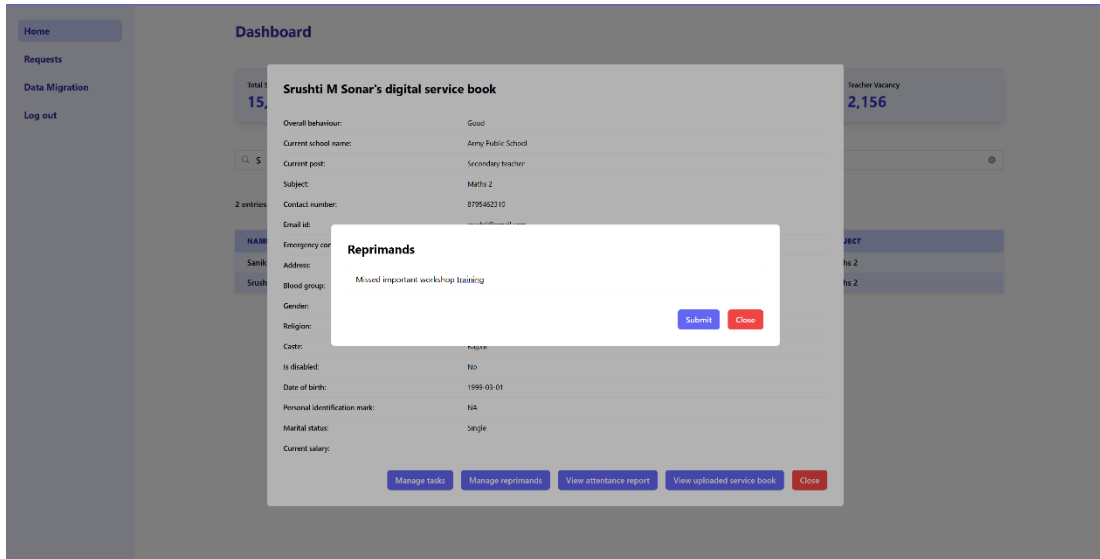


Figure 1.9: Reprimands (Add / View Reprimands)

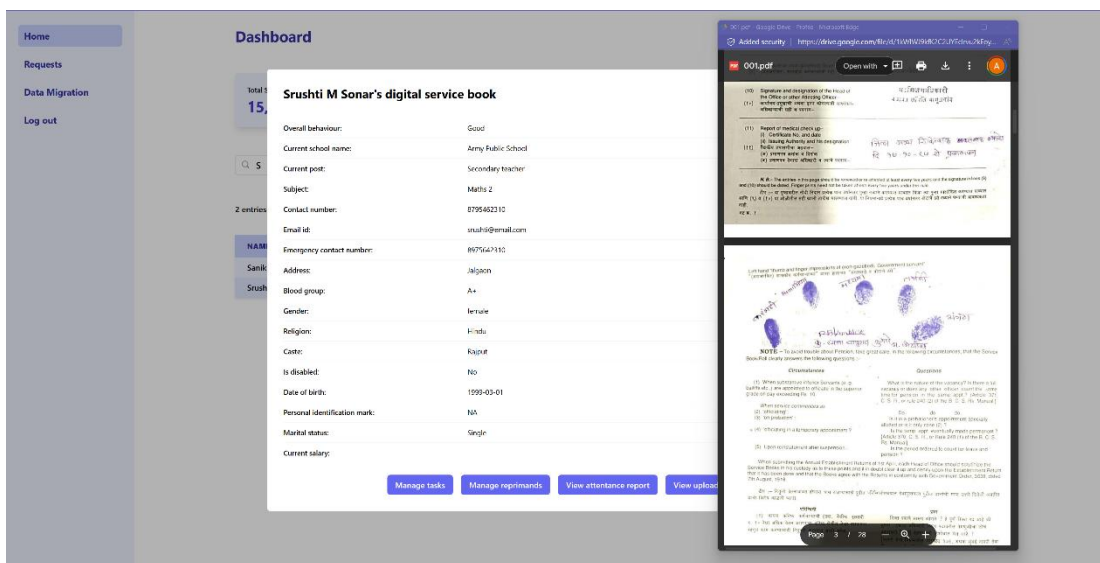


Figure 1.10: View the uploaded service book

The screenshot shows a user profile for Vishakha B Sisodiya with an attendance report modal open. The profile details include: Overall behaviour: Neutral; Current school name: Army Public School; Current post: Assistant professor; Subject: Data science; Contact number: 9822011111; Email id: vishakha@armypublicschool.edu.in; Emergency contact: 9822011111; Address: Army Public School, Sector 14, Gurgaon, Haryana; Blood group: B+; Gender: Female; Religion: Hindu; Caste: Brahmin; Is disabled: No; Date of birth: 1999-01-02; Personal identification mark: NA; Marital status: Single; Current salary: 100000. The attendance report table shows three entries for 2023-05-26, all marked as Present.

Date	Time	Attendance
2023-05-26	20:16:31	Present
2023-05-26	22:23:42	Present
2023-05-26	20:23:48	Present

Figure 1.11: Attendance report

The screenshot shows the Requests dashboard with 4 active requests and 0 completed requests. The table lists the following requests:

REQUEST TYPE	REQUEST	BY	ACTIONS
Course completion update	Completed course on "Effective teaching methods"	Sanika	Accept Decline
Course completion update	Completed course "Advancements on teaching"	Anuraag	Accept Decline
Transfer request	Kindly transfer me to Mumbai dist. division	Anuraag	Accept Decline
Sick leave	Covid symptoms	Sruvati	Accept Decline

Figure 1.12: Active requests

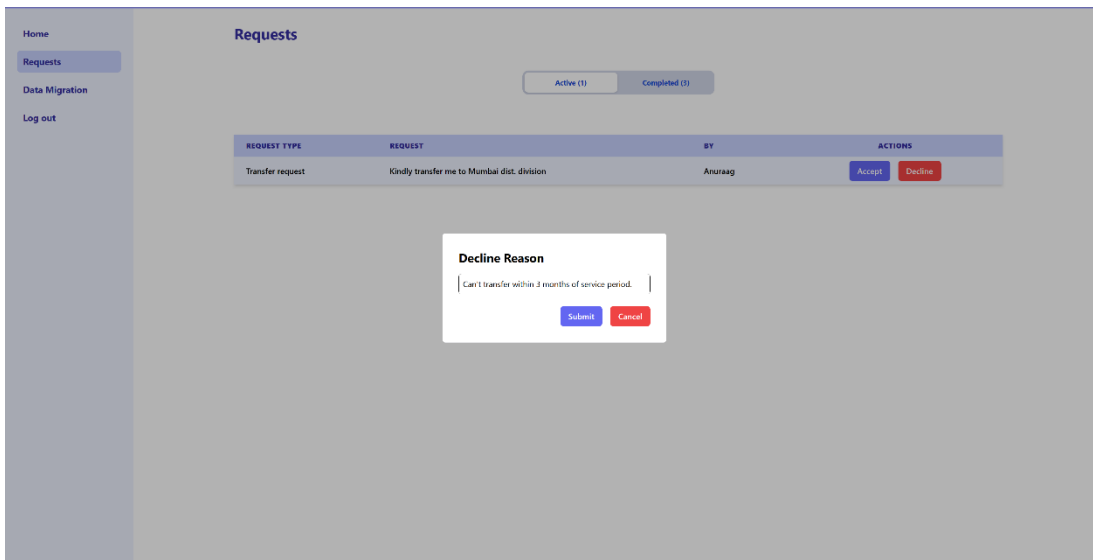


Figure 1.13: Request decline dialogue box



Figure 1.14: Completed requests

2 Android application:

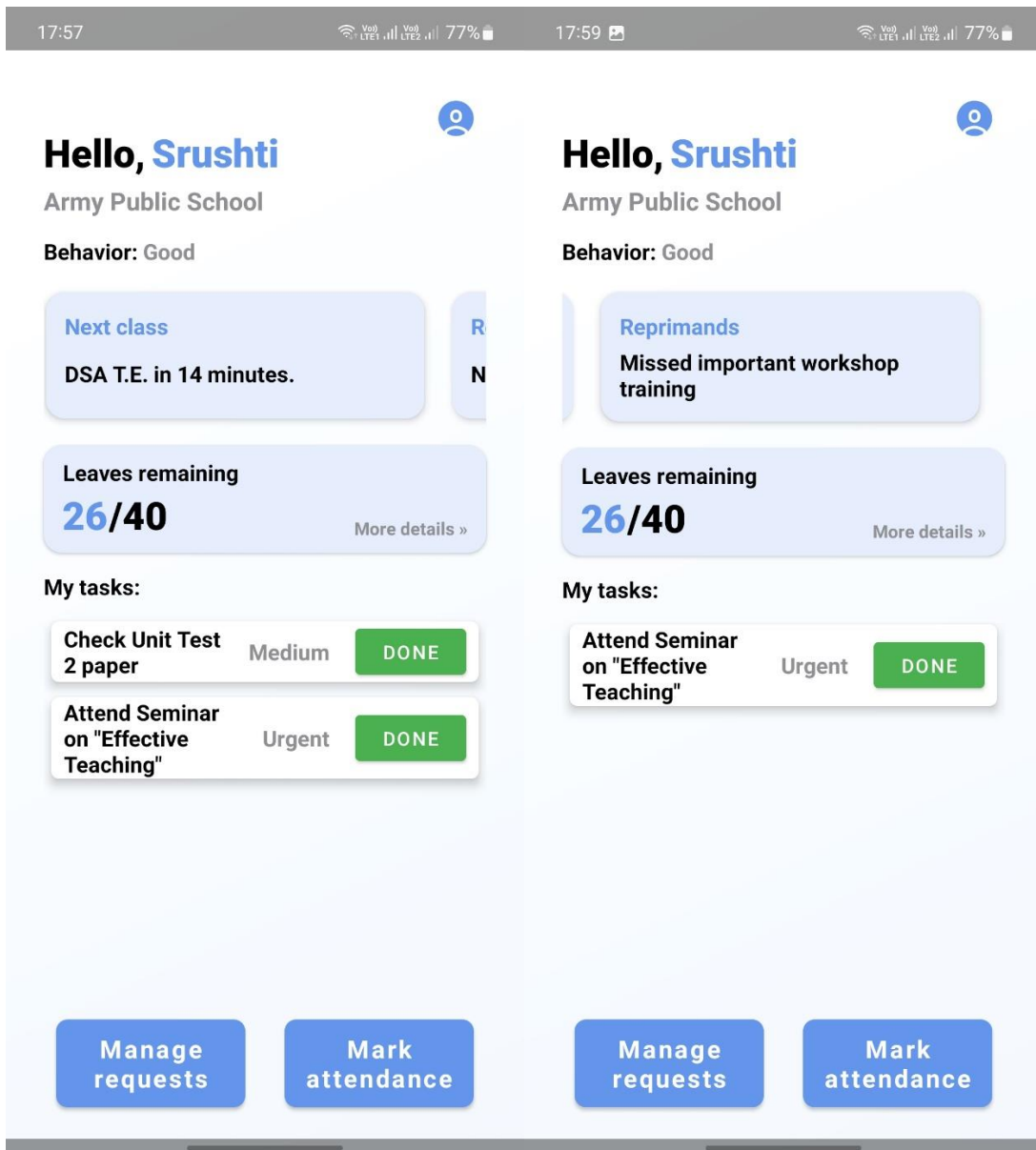


Figure 2.1: Dashboard (Basic info, Next class, Reprimands, Leaves, Tasks)

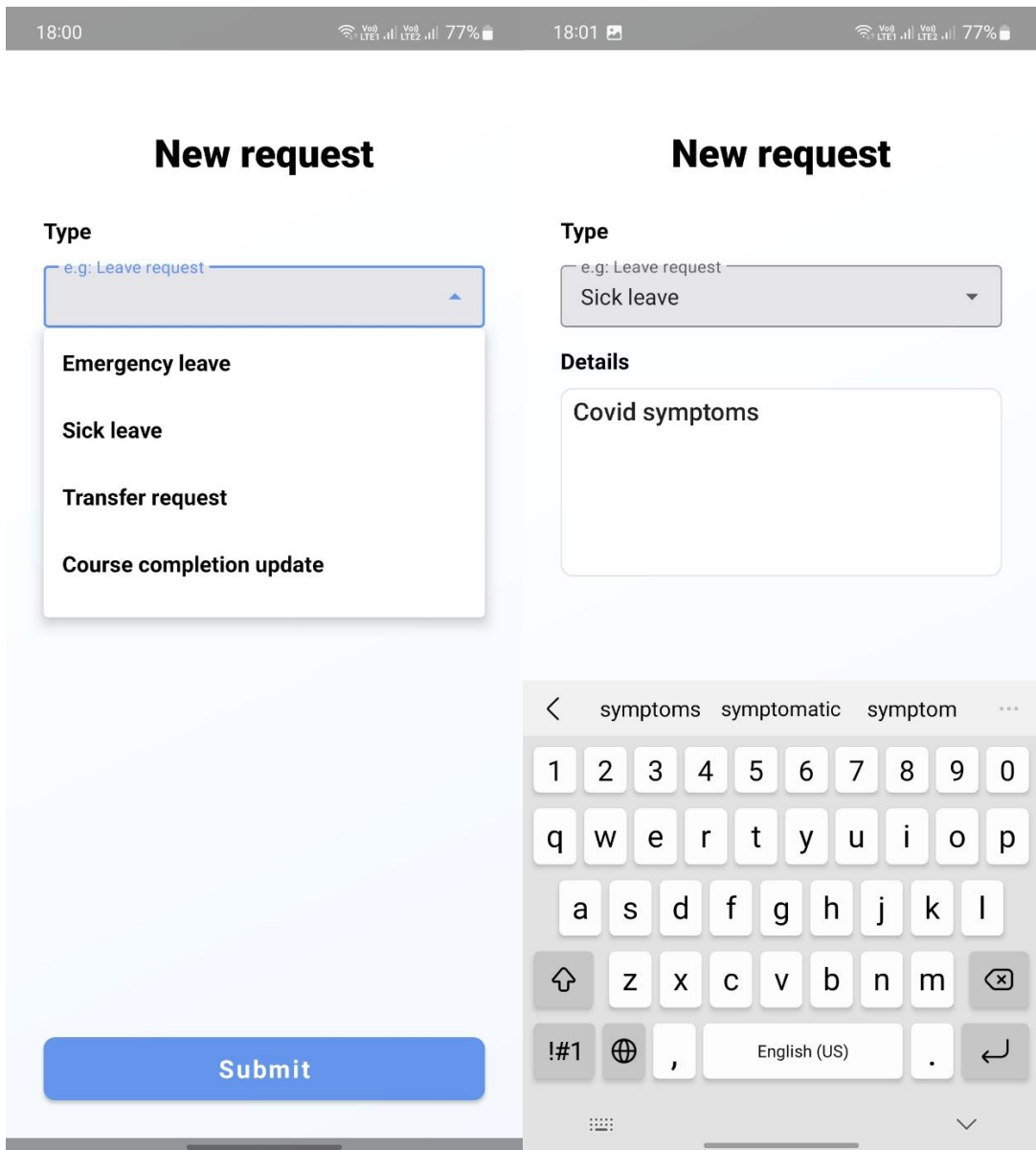


Figure 2.2: New request

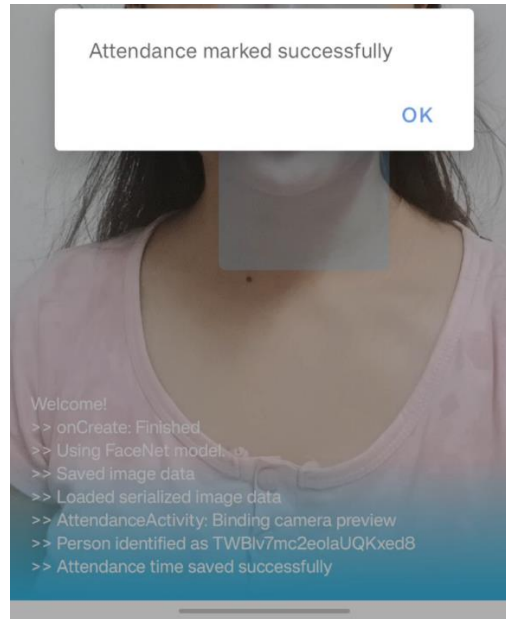


Figure 2.3: Face recognition based on device attendance with GPS coordinates