Dark Theme design

Mentorship System

by Bartek Pacia

Google Code-in 2019

task link

This document contains hyperlinks – it is intended to be read on an electronic device with Internet access. Do not print.

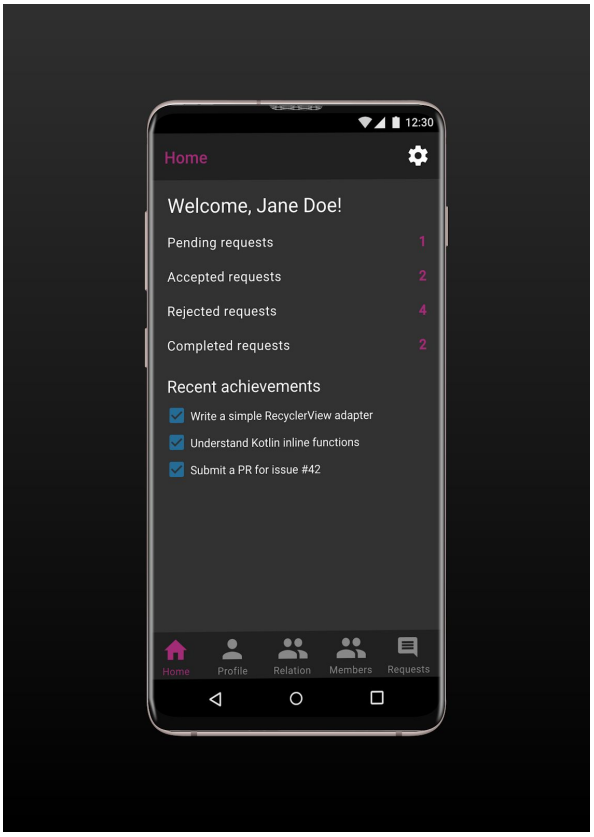


Figure 1.1. HomeFragment in default default Dark Mode.

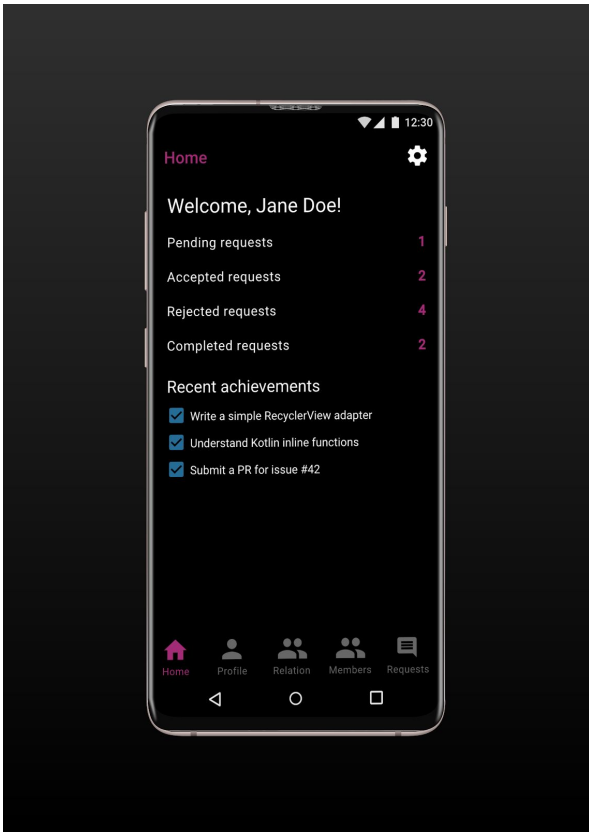


Figure 1.2. HomeFragment in OLED Dark Mode.

Overview

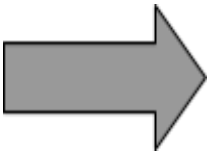
In this task, students were required to design Dark Mode version of the Mentorship Android app. That is what I did – created Dark Theme mockups for every screen in the application. I followed Material Design guidelines and my own intuition to make using the app as plausible as possible.

The tool I used is Adobe XD – thanks to its rich functionality, I was able to create a working demo of the app, available here.

Nowadays, more and more devices are equipped with **OLED** screens. The unique feature of such screens is their ability to completely shut down pixels displaying pure black (**#000000**) – as a result, the contrast offered by them is infinite and, what interests us more, they are more battery-friendly. Apps should take advantage of this by offering 2 types of Dark Mode, a “normal” Dark Mode and OLED Dark Mode, where pure black is used in as many places as possible to take advantage of the unique characteristics of OLED screens.
AMOLED Dark Mode version is available here.

Colors used

#303030 Light background
#212121 Dark background
#A22C75 Primary
#256C97 Accent
white #FFFFFF Text Primary
#95979A Text Secondary

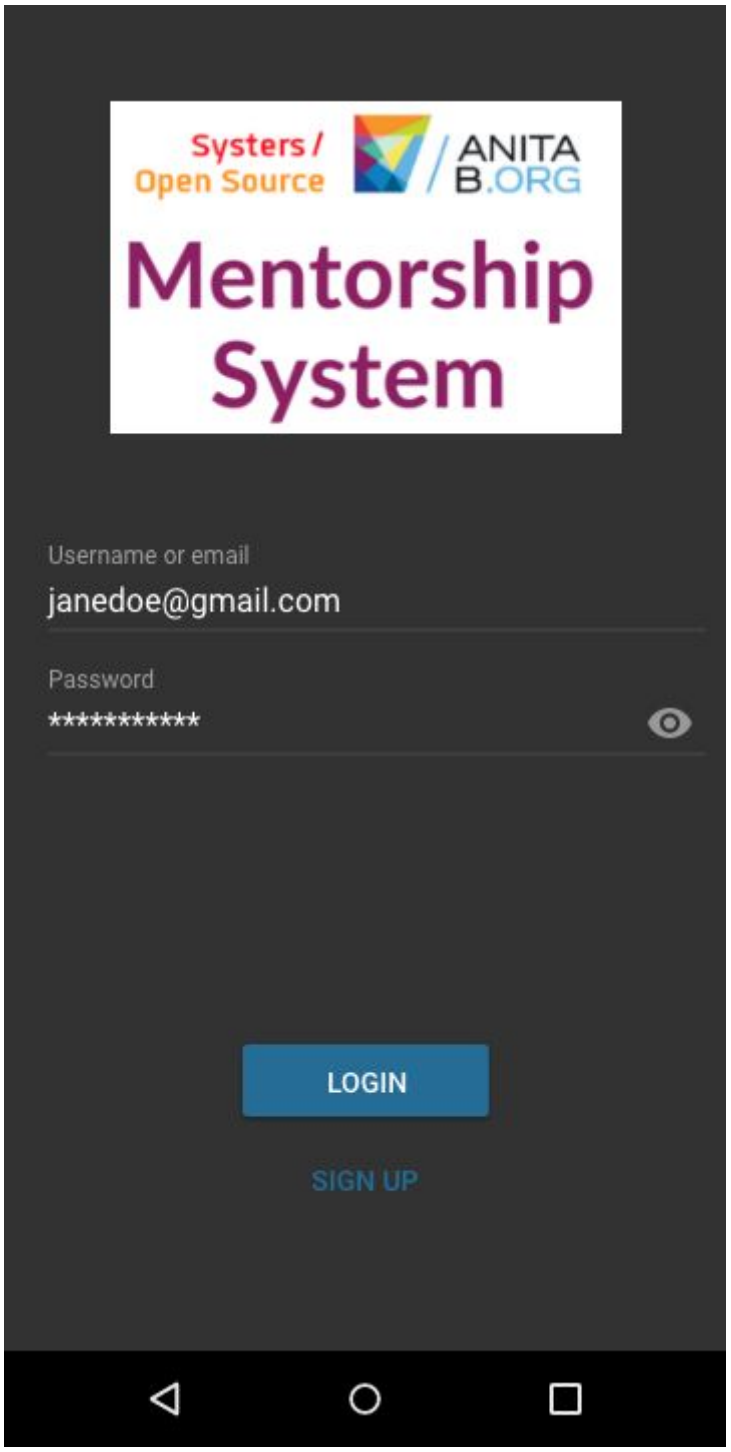


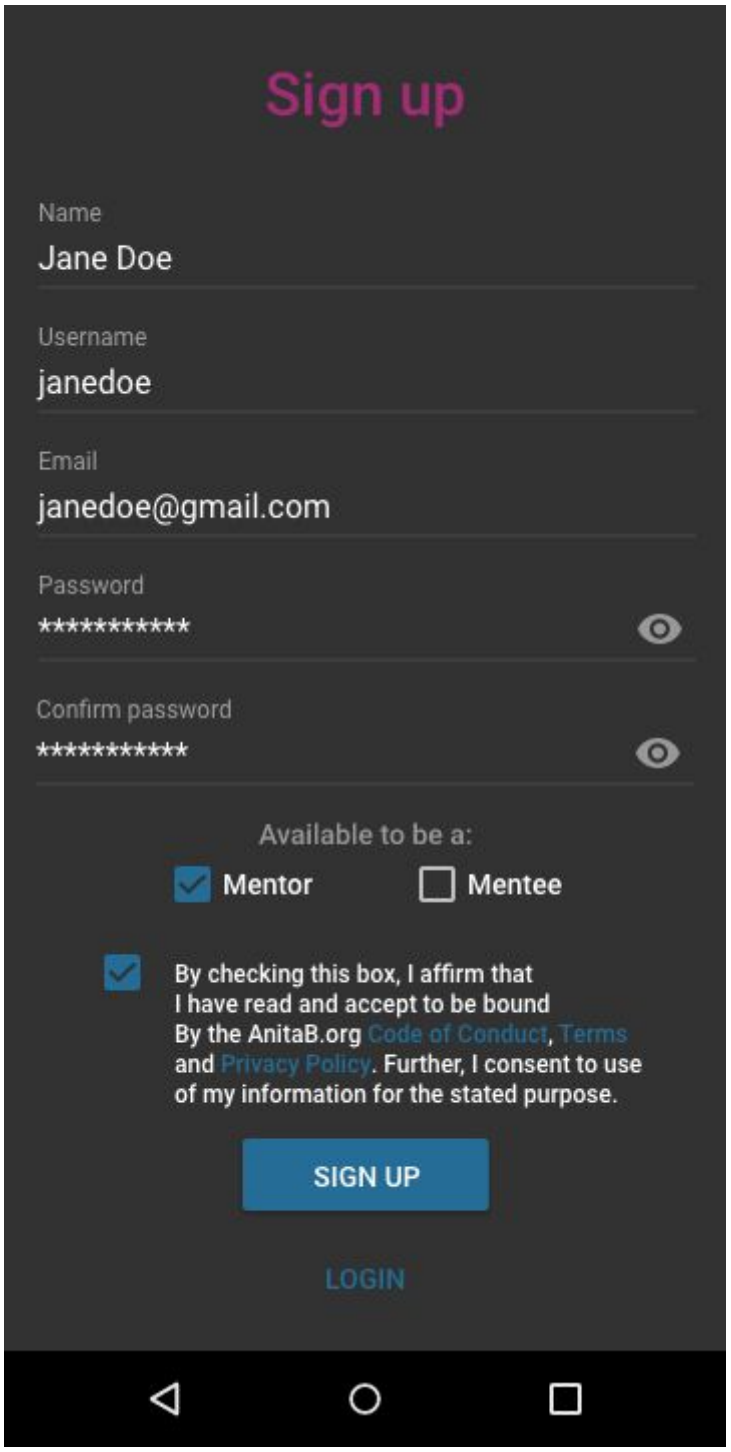
These 2 become pure black #000000 in OLED Dark Mode

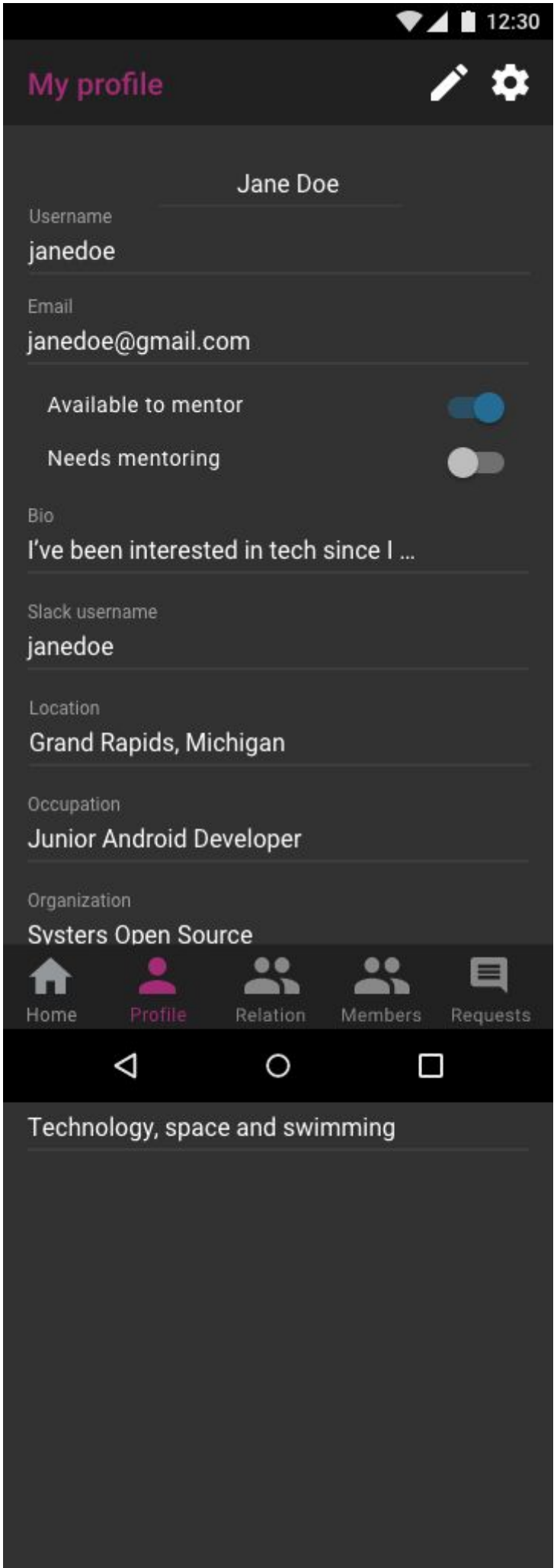
Font used: Roboto

PS The images where the content is under system navigation buttons are not broken – it is the way Adobe XD handles scrolling.

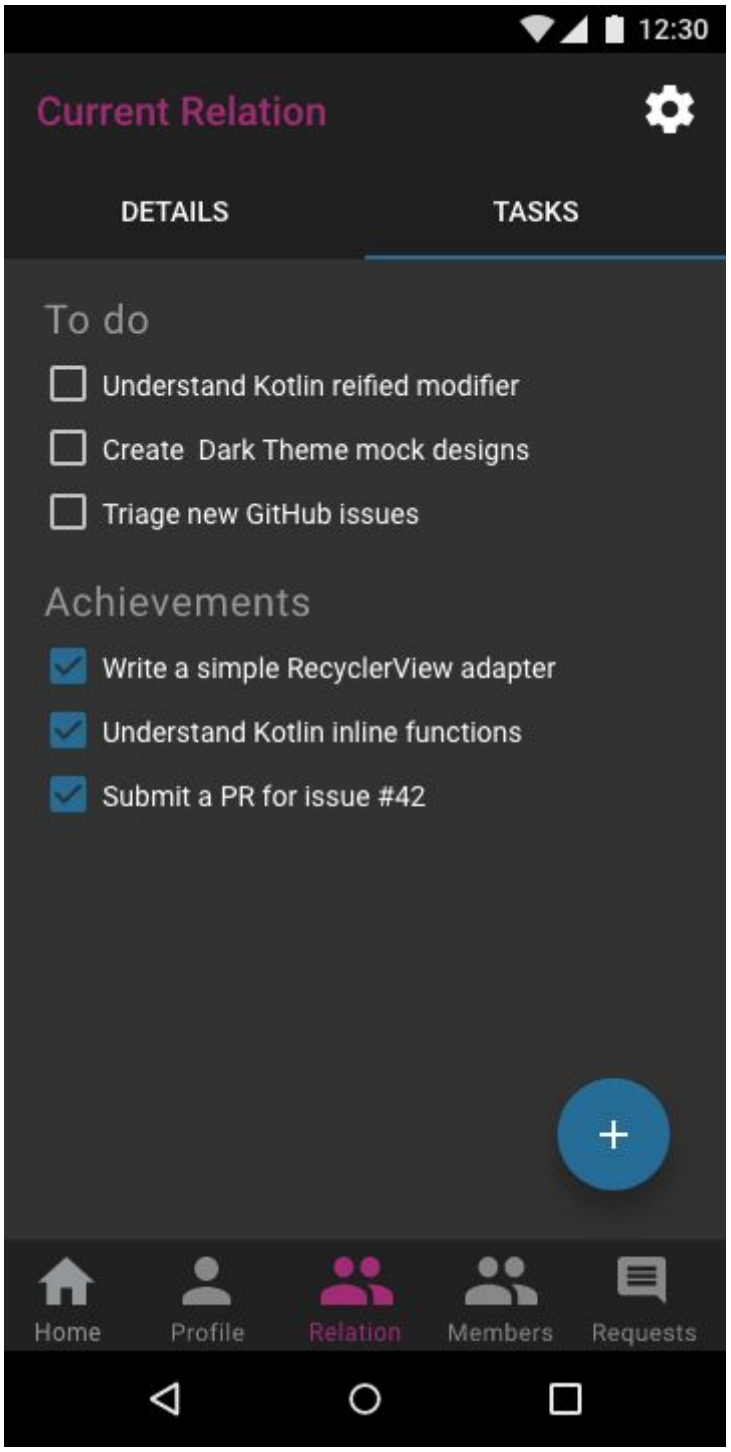
Default Dark Mode

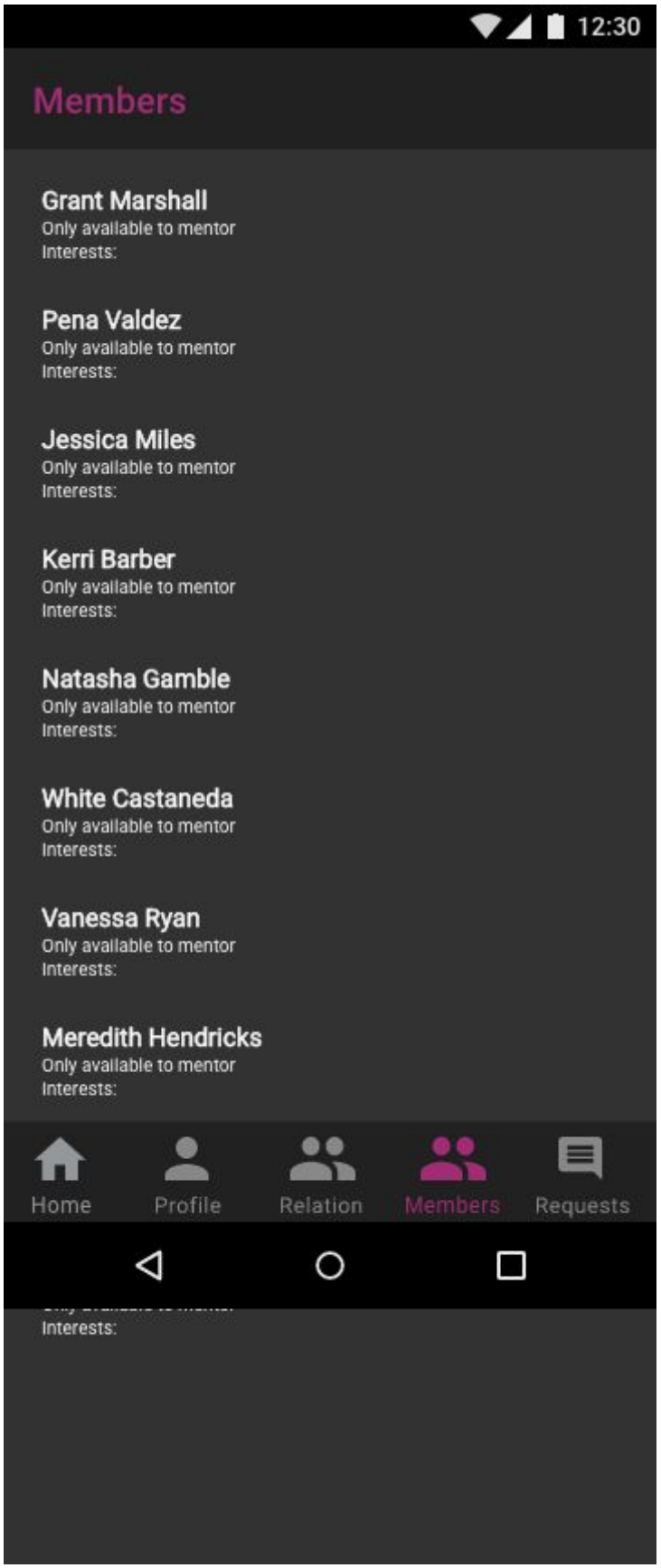

Systers /
Open Source
ANITA
B.ORG
Mentorship
System
Username or email
janedoe@gmail.com
Password
****
LOGIN
SIGN UP

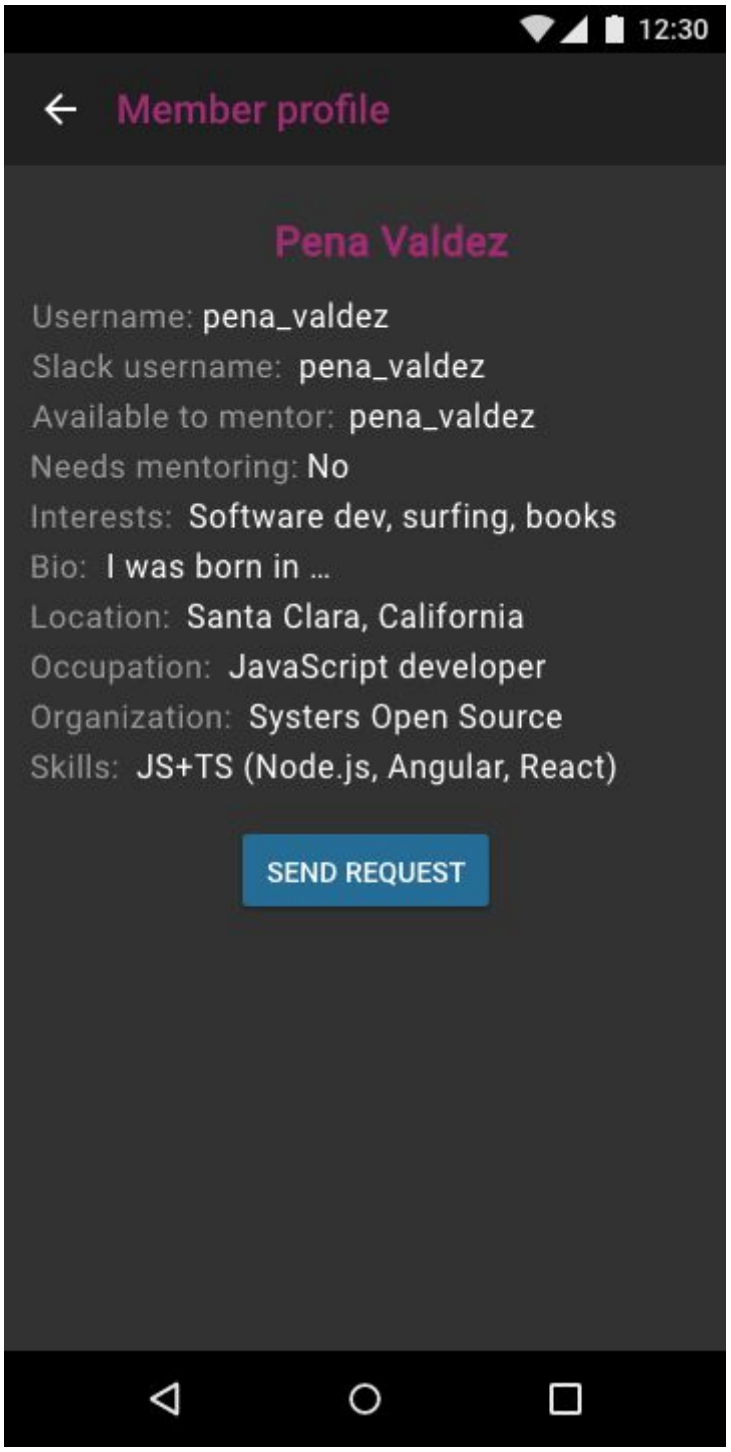

Sign up
Name
Jane Doe
Username
janedoe
Email
janedoe@gmail.com
Password
****
Confirm password
****
Available to be a:
Mentor
Mentee
By checking this box, I affirm that
I have read and accept to be bound
By the AnitaB.org Code of Conduct, Terms
and Privacy Policy. Further, I consent to use
of my information for the stated purpose.
SIGN UP
LOGIN

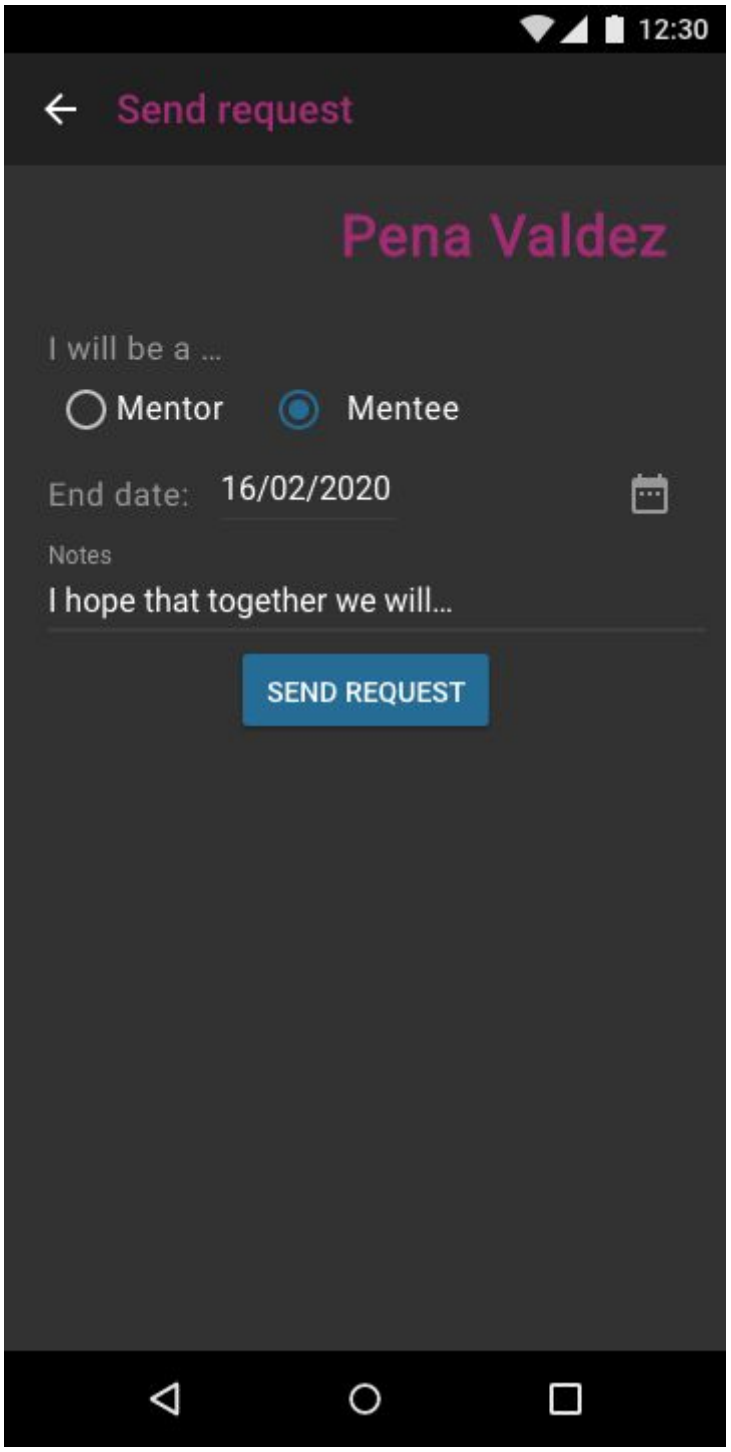

12:30
My profile
Jane Doe
Username
janedoe
Email
janedoe@gmail.com
Available to mentor
Needs mentoring
Bio
I've been interested in tech since I ...
Slack username
janedoe
Location
Grand Rapids, Michigan
Occupation
Junior Android Developer
Organization
Systers Open Source
Home
Profile
Relation
Members
Requests
Technology, space and swimming

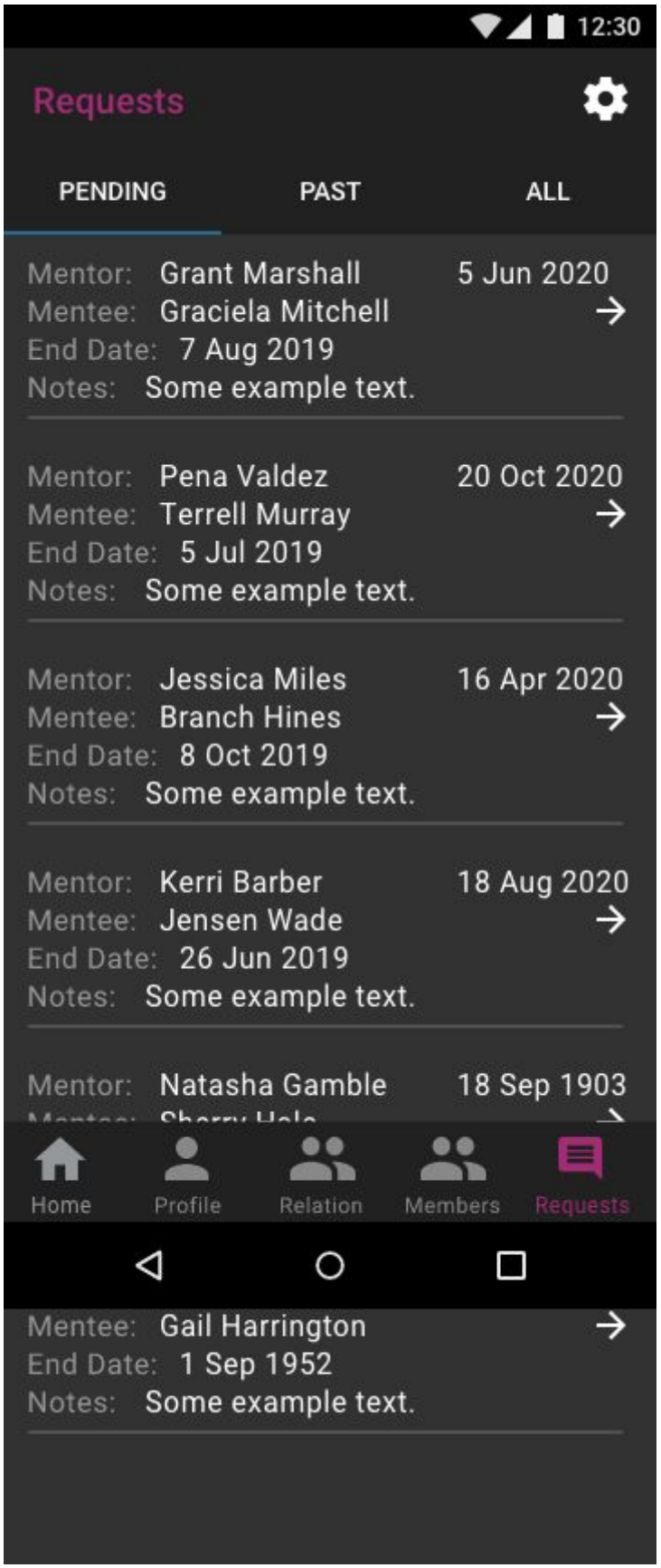
12:30
Current Relation
DETAILS
TASKS
Mentor: Jane Doe
Mentee: Graciela Mitchell
End Date: 7 August 2020
Notes: Description of a good mentorship relation.
Home
Profile
Relation
Members
Requests

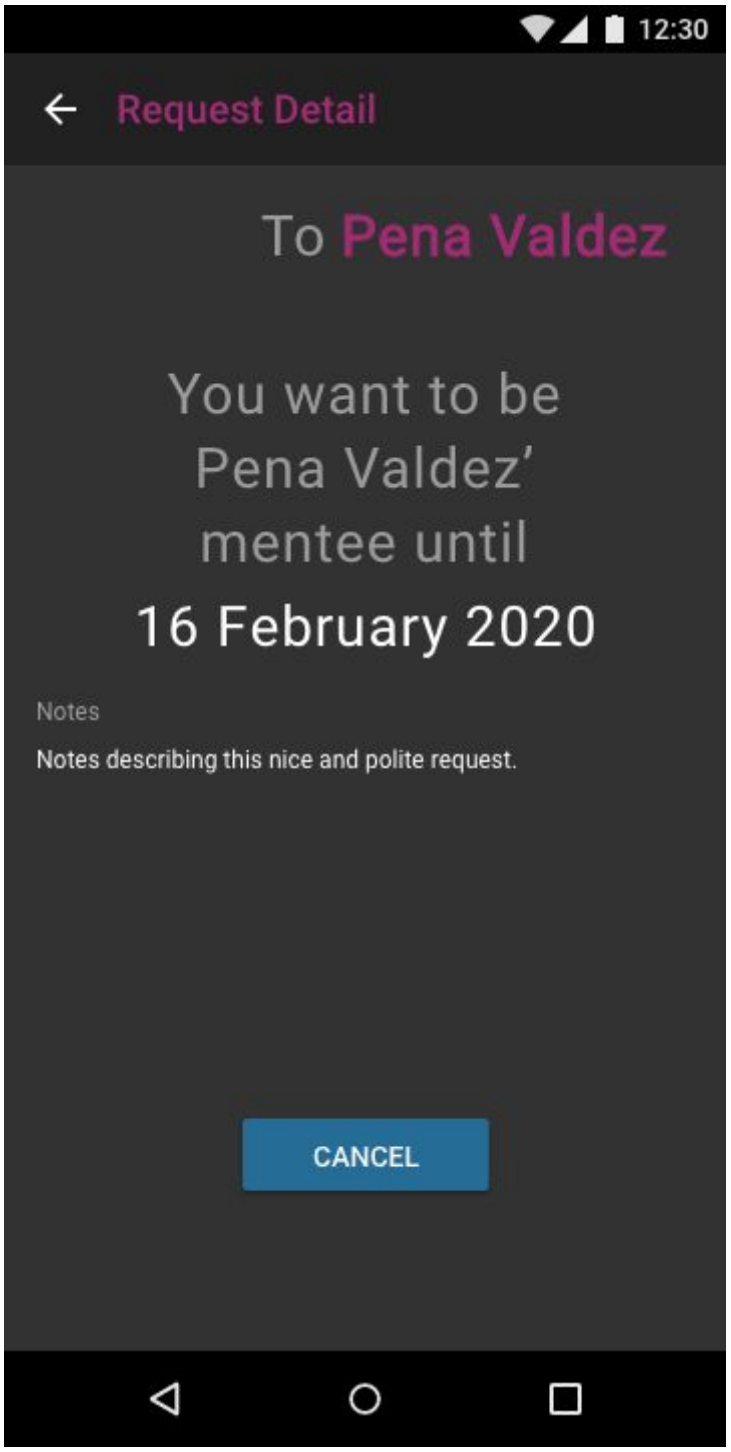

12:30
Current Relation
DETAILS
TASKS
To do
Understand Kotlin reified modifier
Create Dark Theme mock designs
Triage new GitHub issues
Achievements
Write a simple RecyclerView adapter
Understand Kotlin inline functions
Submit a PR for issue #42
Home
Profile
Relation
Members
Requests


12:30
Members
Grant Marshall
Only available to mentor
Interests:
Pena Valdez
Only available to mentor
Interests:
Jessica Miles
Only available to mentor
Interests:
Kerri Barber
Only available to mentor
Interests:
Natasha Gamble
Only available to mentor
Interests:
White Castaneda
Only available to mentor
Interests:
Vanessa Ryan
Only available to mentor
Interests:
Meredith Hendricks
Only available to mentor
Interests:
Home
Profile
Relation
Members
Requests
Interests:

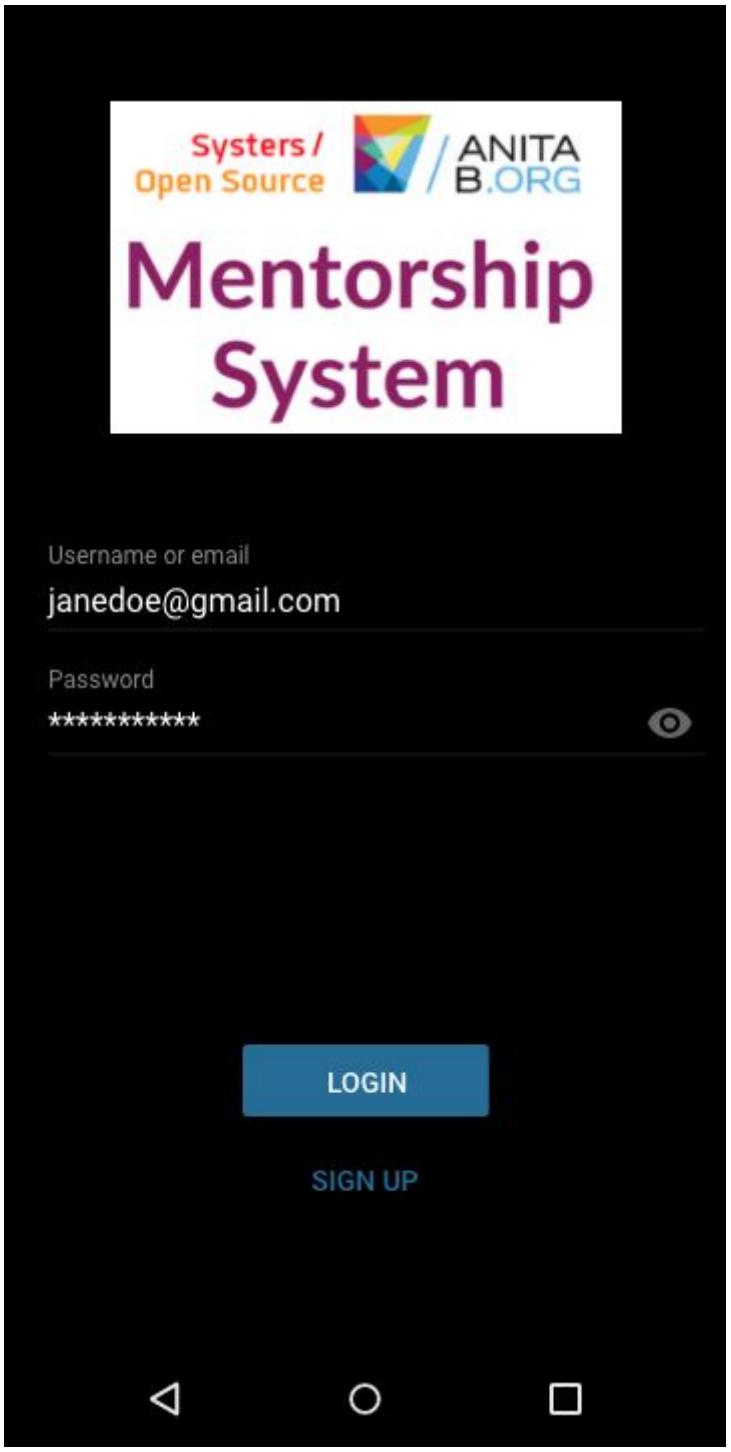

12:30
Member profile
Pena Valdez
Username: pena_valdez
Slack username: pena_valdez
Available to mentor: pena_valdez
Needs mentoring: No
Interests: Software dev, surfing, books
Bio: I was born in ...
Location: Santa Clara, California
Occupation: JavaScript developer
Organization: Systers Open Source
Skills: JS+TS (Node.js, Angular, React)
SEND REQUEST


12:30
Send request
Pena Valdez
I will be a ...
Mentor
Mentee
End date:
16/02/2020
Notes
I hope that together we will...
SEND REQUEST


12:30
Requests
PENDING
PAST
ALL
Mentor: Grant Marshall
5 Jun 2020
Mentee: Graciela Mitchell
End Date: 7 Aug 2019
Notes: Some example text.
Mentor: Pena Valdez
20 Oct 2020
Mentee: Terrell Murray
End Date: 5 Jul 2019
Notes: Some example text.
Mentor: Jessica Miles
16 Apr 2020
Mentee: Branch Hines
End Date: 8 Oct 2019
Notes: Some example text.
Mentor: Kerri Barber
18 Aug 2020
Mentee: Jensen Wade
End Date: 26 Jun 2019
Notes: Some example text.
Mentor: Natasha Gamble
18 Sep 1903
Home
Profile
Relation
Members
Requests
Mentee: Gail Harrington
End Date: 1 Sep 1952
Notes: Some example text.


12:30
Request Detail
To Pena Valdez
You want to be
Pena Valdez'
mentee until
16 February 2020
Notes
Notes describing this nice and polite request.
CANCEL

OLED Dark Mode


Systers /
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ANITA
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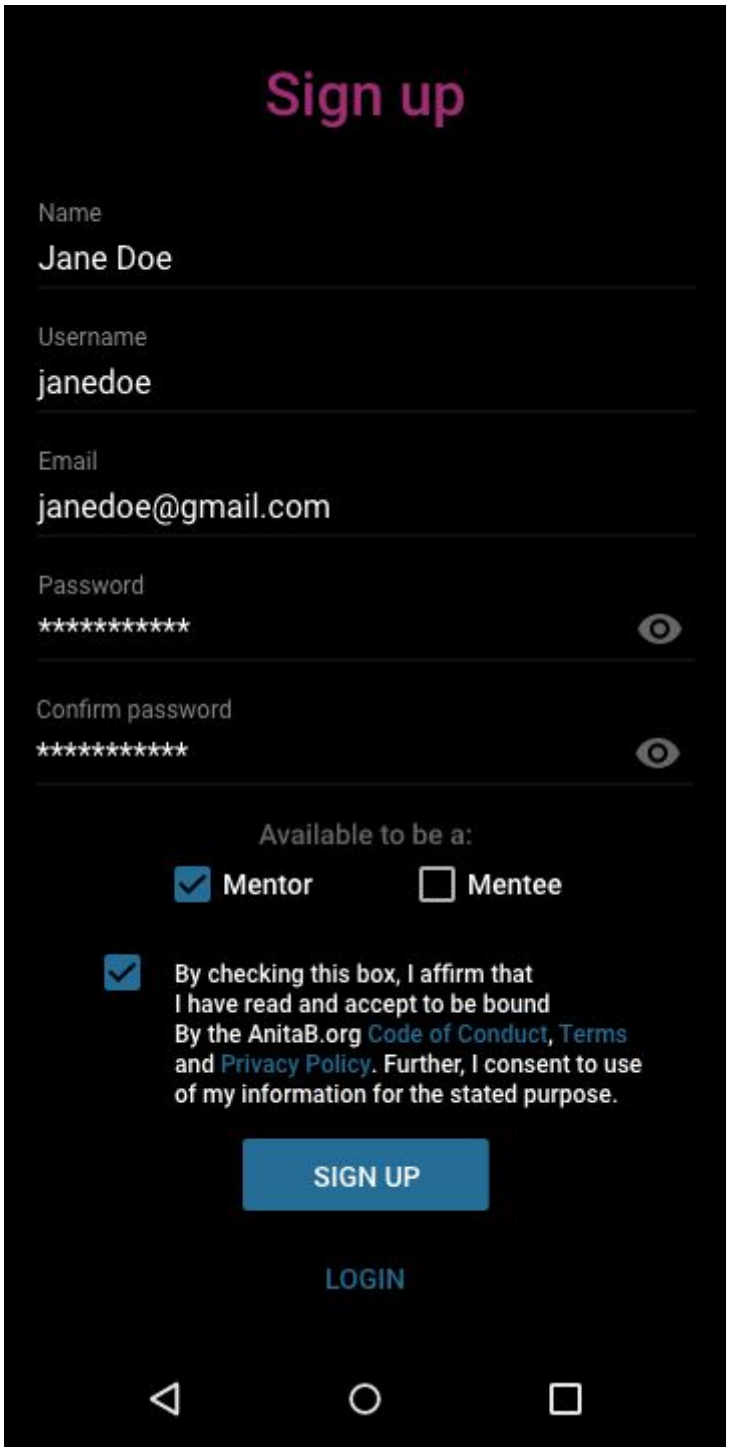
Mentorship
System
Username or email
janedoe@gmail.com
Password
****
LOGIN
SIGN UP


Sign up
Name
Jane Doe
Username
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Email
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Password
****
Confirm password
****
Available to be a:
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Mentee
By checking this box, I affirm that
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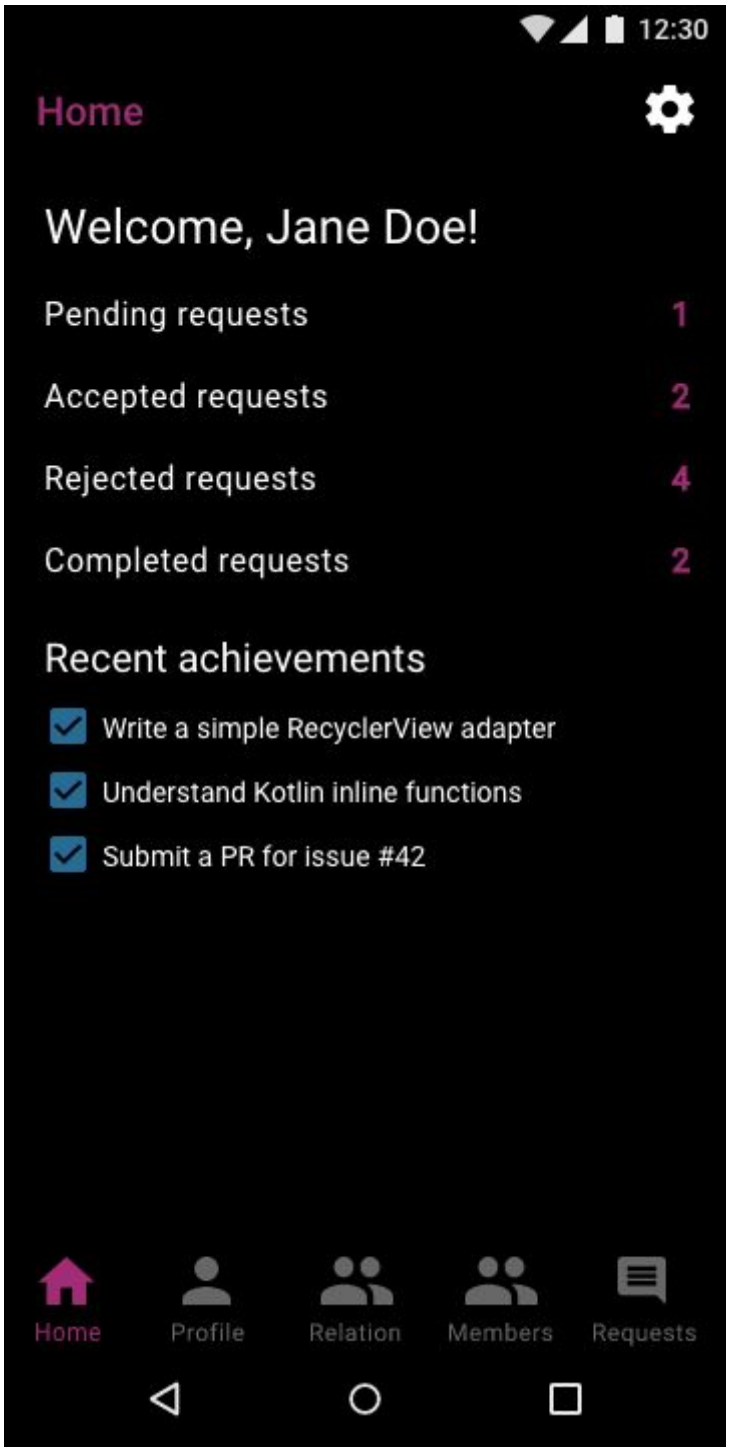
12:30
Home
Welcome, Jane Doe!
Pending requests 1
Accepted requests 2
Rejected requests 4
Completed requests 2
Recent achievements
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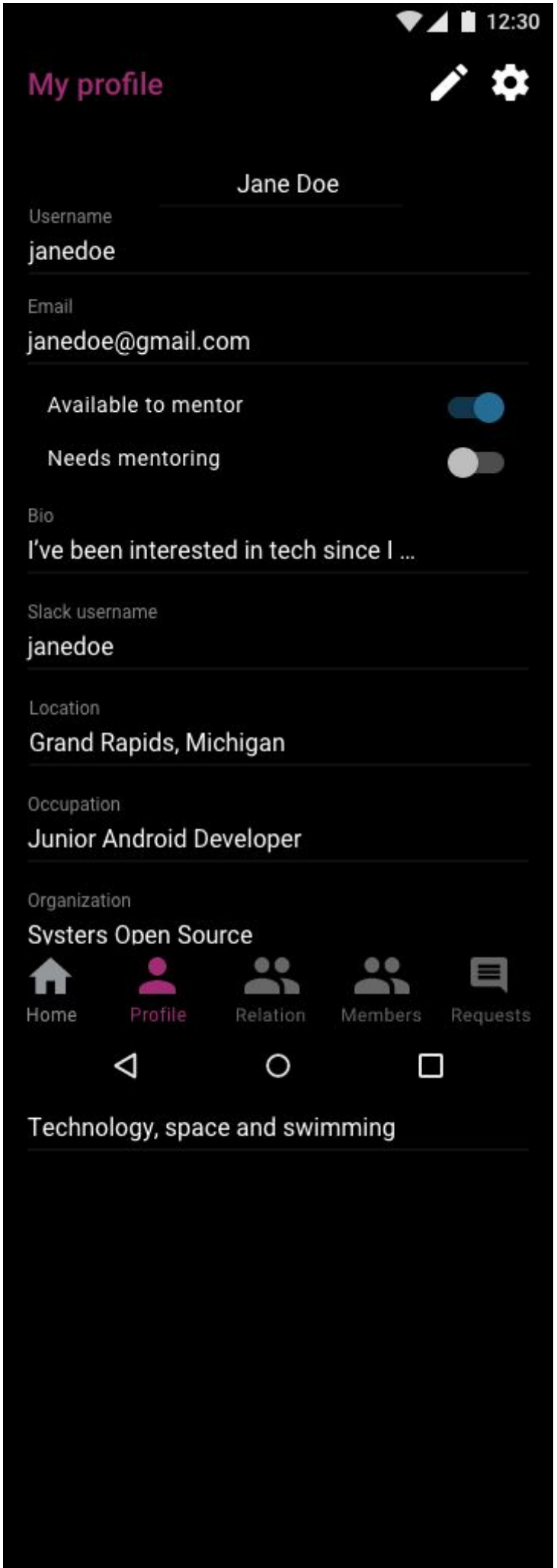
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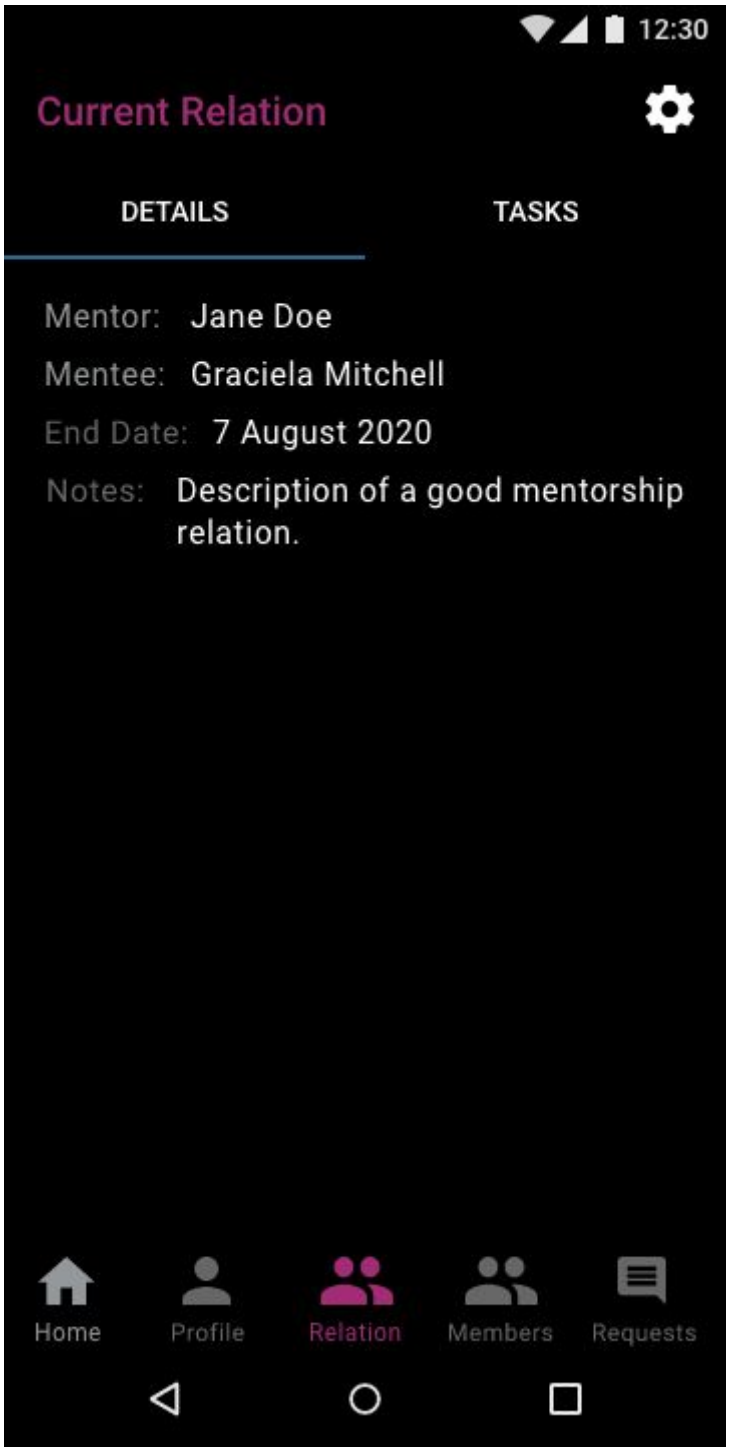
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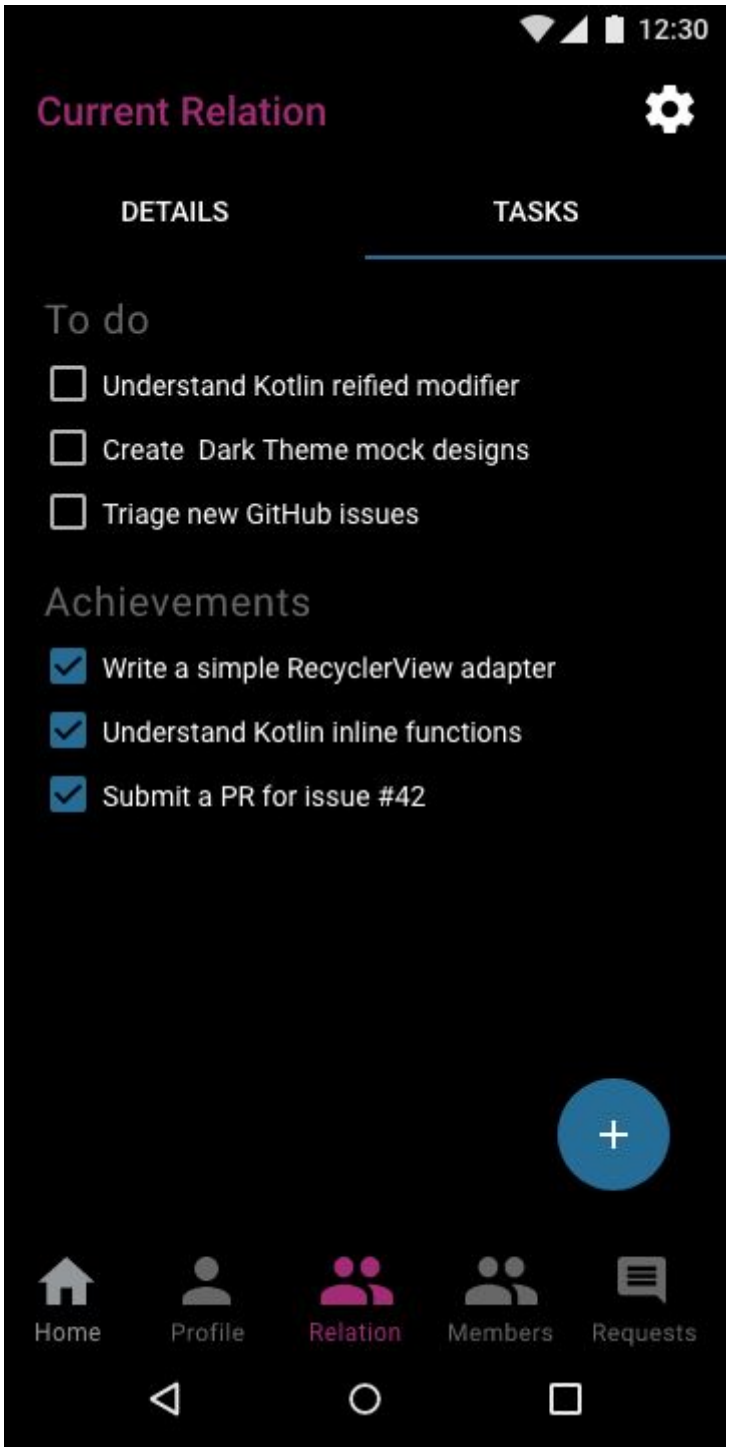
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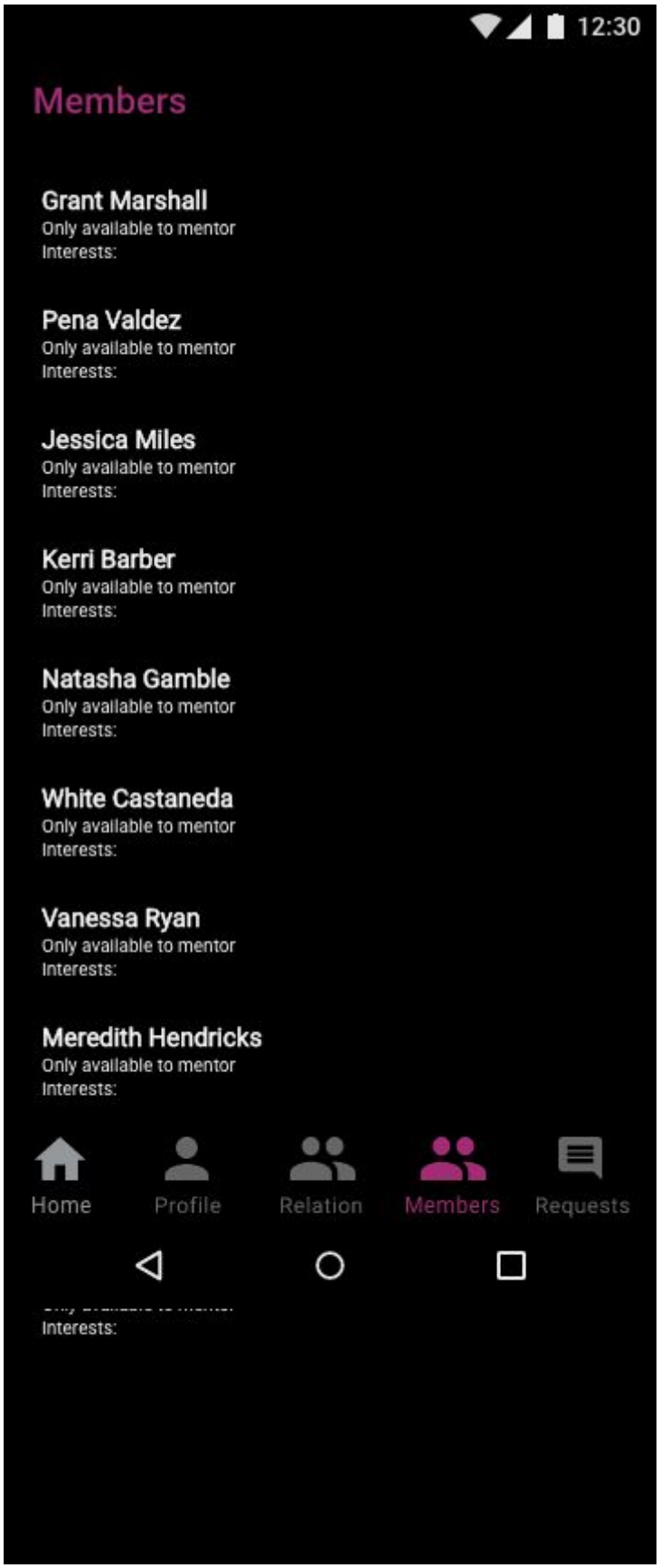
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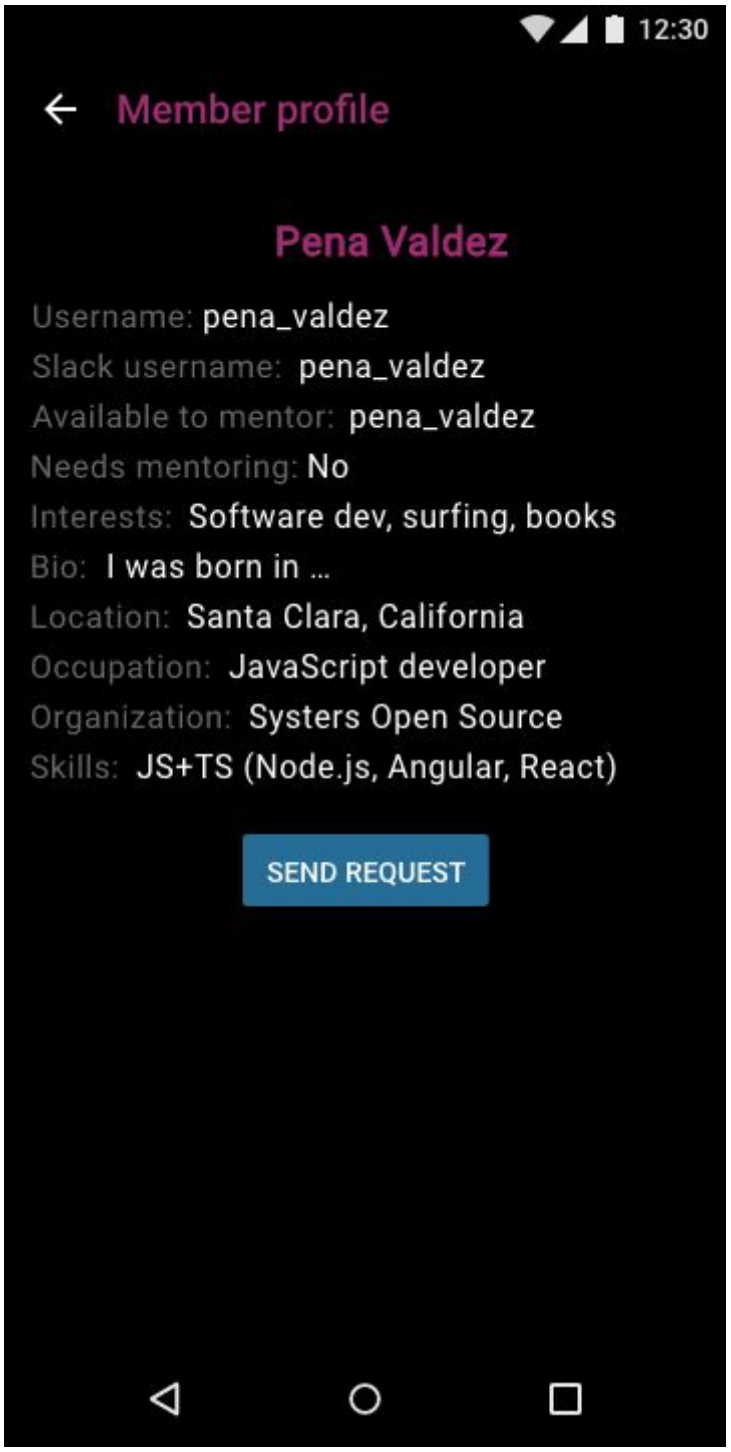
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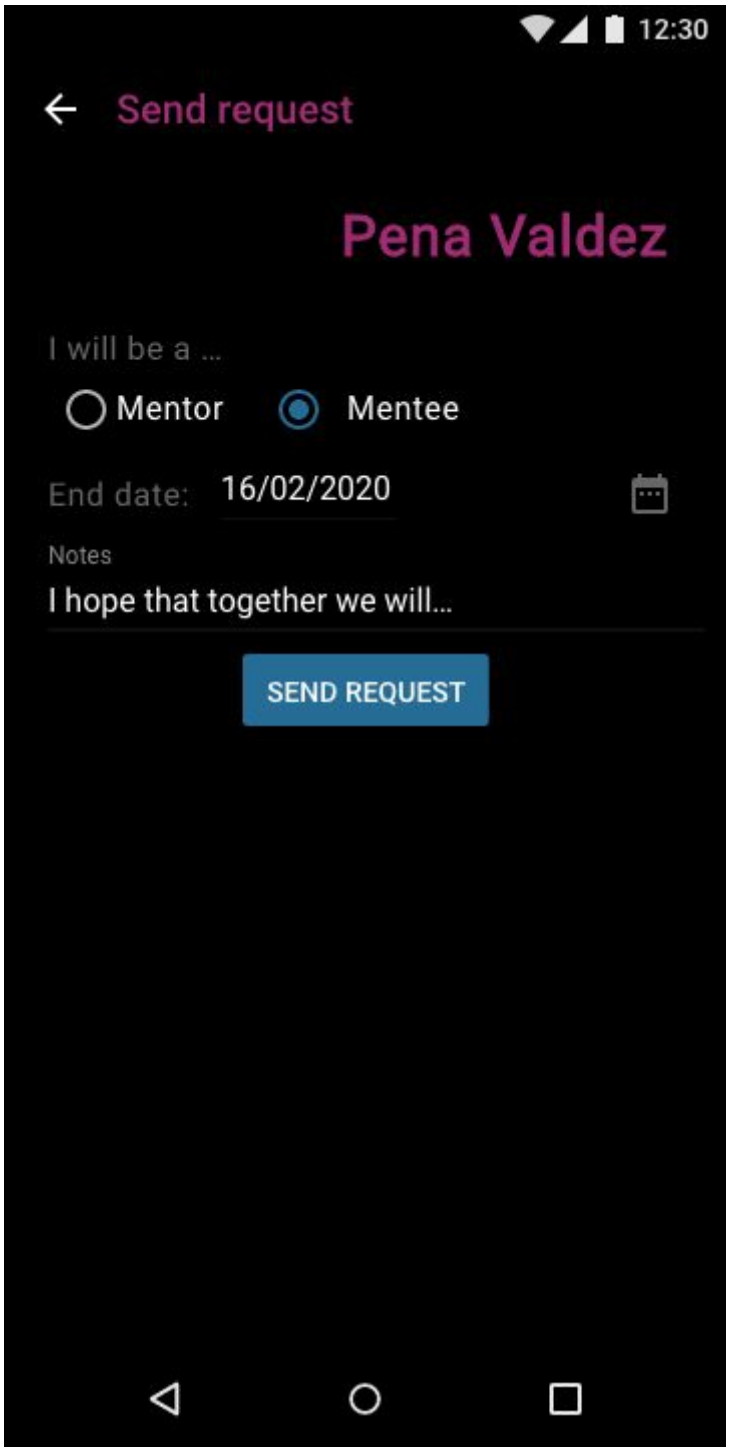
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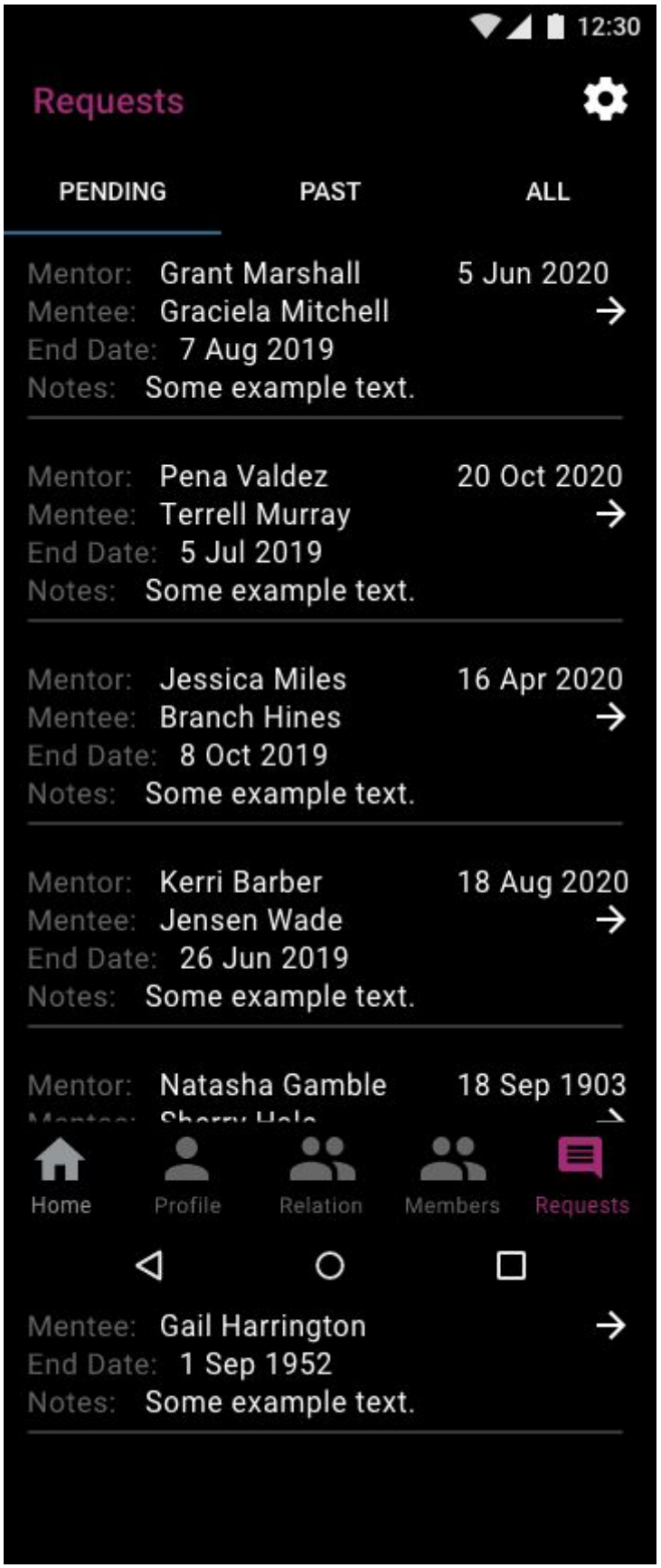
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Mentee: Branch Hines
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18 Aug 2020
Mentee: Jensen Wade
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18 Sep 1903
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Mentee: Gail Harrington
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