

MedGPT App

To Coach Medical Students on Delivering Bad News

CSCE-606

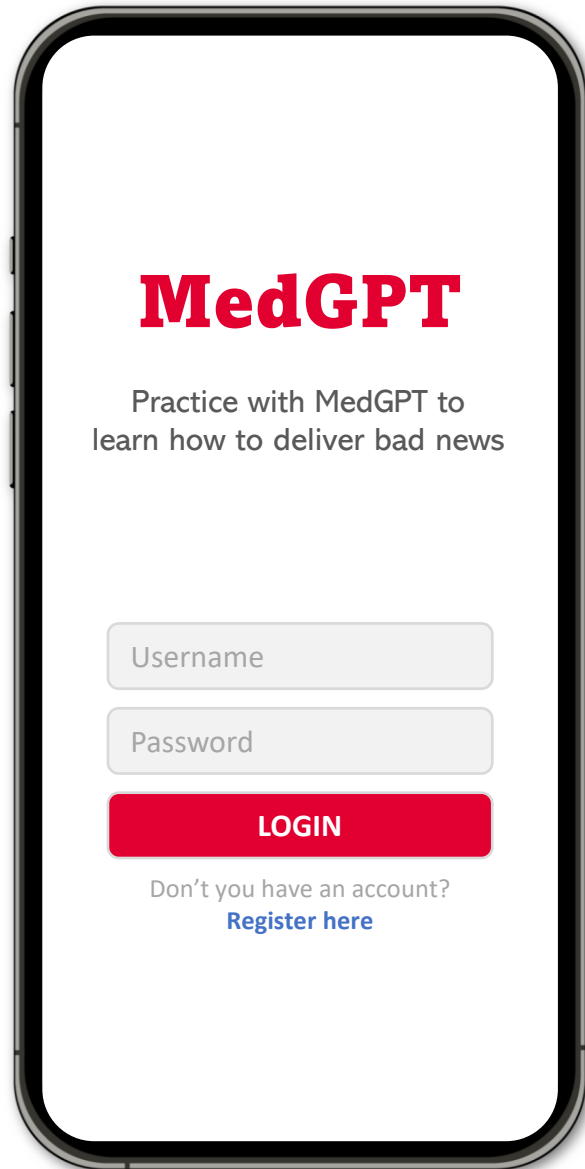
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Introduction to MedGPT

- The **purpose** of this app to help medical students improve and practice their knowledge and skills on how to break bad news to patients.
- MEDGPT will enable a digital role-playing learning environment. After providing a scenario by MEDGPT to a student, the student will play a doctor role and MEDGPT will have a patient role, and they interact with each other in a conversational way. At the end of the role-play, MEDGPT will evaluate the users' conversations and provide feedback promoting the student's knowledge and skills regarding how to break bad news to patients.
- With MedGPT, instructors will be able to reviews students' conversations with MedGPT and provides feedback accordingly.
- The **goals** of the app are as follows:
 - Promote breaking bad news education for medical students.
 - Increase medical students' knowledge and skills on breaking bad news.
 - Promote medical students' learning experience and engagement on learning breaking bad news skills.
 - Decrease instructors' workload on teaching breaking bad news knowledge and skills.
 - Provide a more interactive, engaging and conversational learning environment for breaking bad news education, compared to the traditional one.

LOGIN SCREEN



The image shows a mobile app login screen for MedGPT. At the top, the app name 'MedGPT' is displayed in a large, bold, red font. Below it, a tagline reads 'Practice with MedGPT to learn how to deliver bad news' in a smaller, grey font. The login form consists of two light grey input fields: 'Username' and 'Password'. Below these fields is a prominent red button with the word 'LOGIN' in white capital letters. At the bottom of the screen, there is a link that says 'Don't you have an account? Register here', where 'Register here' is in blue text.

MedGPT

Practice with MedGPT to
learn how to deliver bad news

Username

Password

LOGIN

Don't you have an account?
[Register here](#)

- Users will be able to “Login” by entering Username and Password
- Unregistered users will be able to click “Register here” to register to the system.

REGISTRATION SCREEN



The image shows a mobile app registration screen for MedGPT. At the top, the app name 'MedGPT' is displayed in a large, bold, red font. Below it, a subtitle reads 'Practice with MedGPT to learn how to deliver bad news'. The registration form consists of four light gray input fields stacked vertically, labeled 'Username', 'Password', 'Role', and 'Class'. Below these fields is a prominent red button with the word 'REGISTER' in white capital letters. At the bottom of the screen, there is a link that says 'You already have an account? Login here'.

MedGPT

Practice with MedGPT to
learn how to deliver bad news

Username

Password

Role

Class

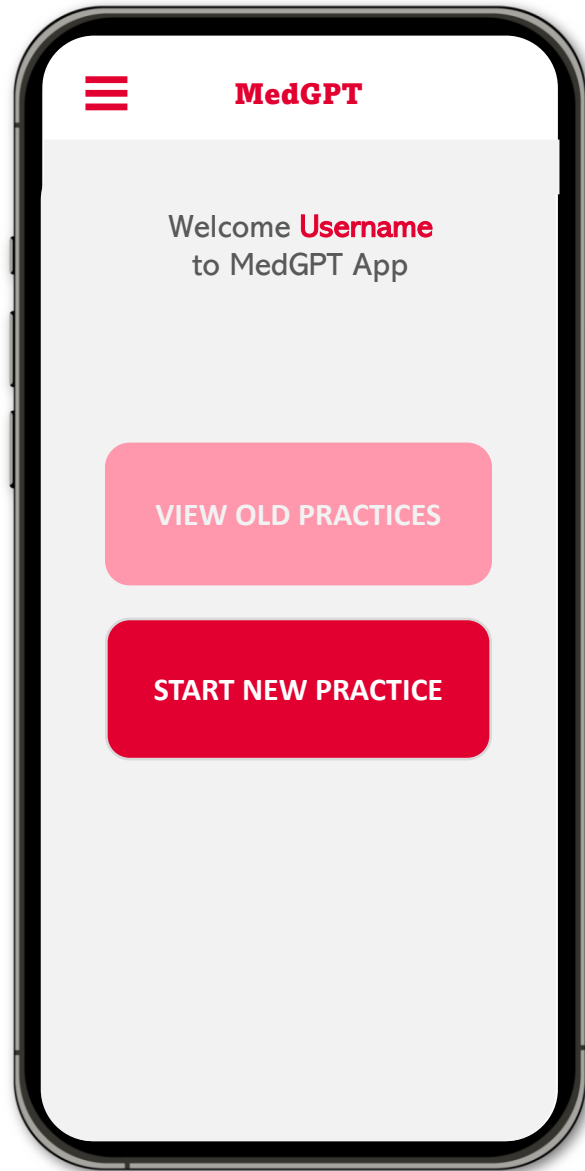
REGISTER

You already have an account?
[Login here](#)

- When users register to the system, they need to enter the followings:
 - Username: A username defined by the user
 - Password: A password defined by the user
 - Role: Selecting the role of the user, including teacher, student, and admin.

MAIN SCREEN

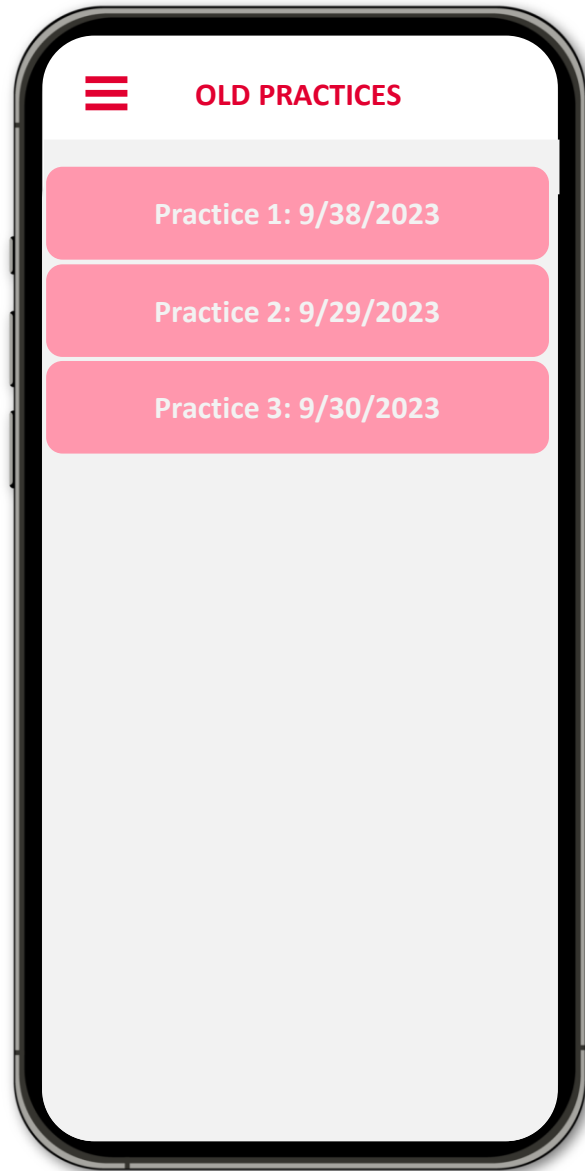
for Student



- **View Old Practices:** Showing old practices of students with MedGPT app.
- **Start New Practice:** Initiate a new practice with MedGPT

OLD PRACTICES SCREEN

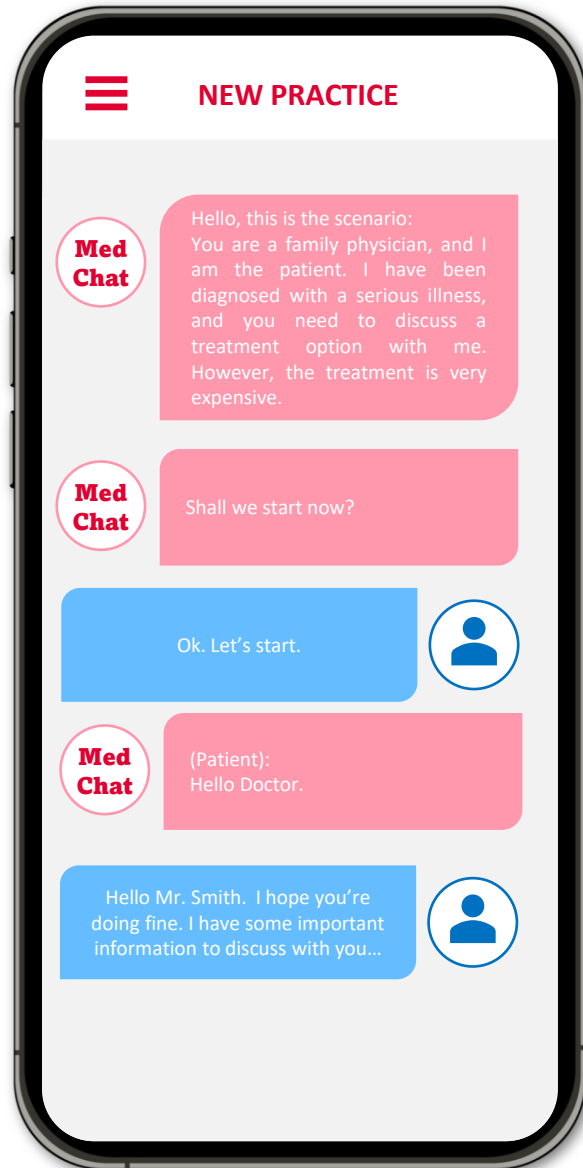
for Student



- Students will be able to see old conversations with MedGPT.
- Old conversations will be saved with their date.

NEW PRACTICES SCREEN

for Student



- MedGPT will provide a scenario and then role-playing activity will start.
- MedGPT plays a patient role while the user plays a doctor role.

MAIN SCREEN

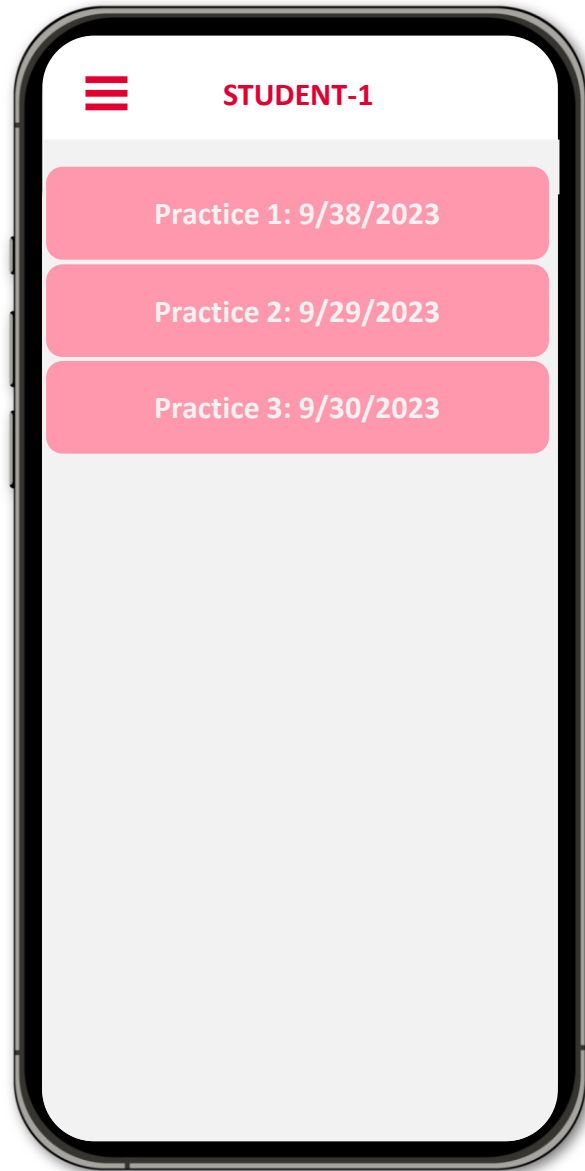
for Teacher



- Teachers will be able to see the list of students registered to their courses on the main screen.

STUDENT PRACTICES

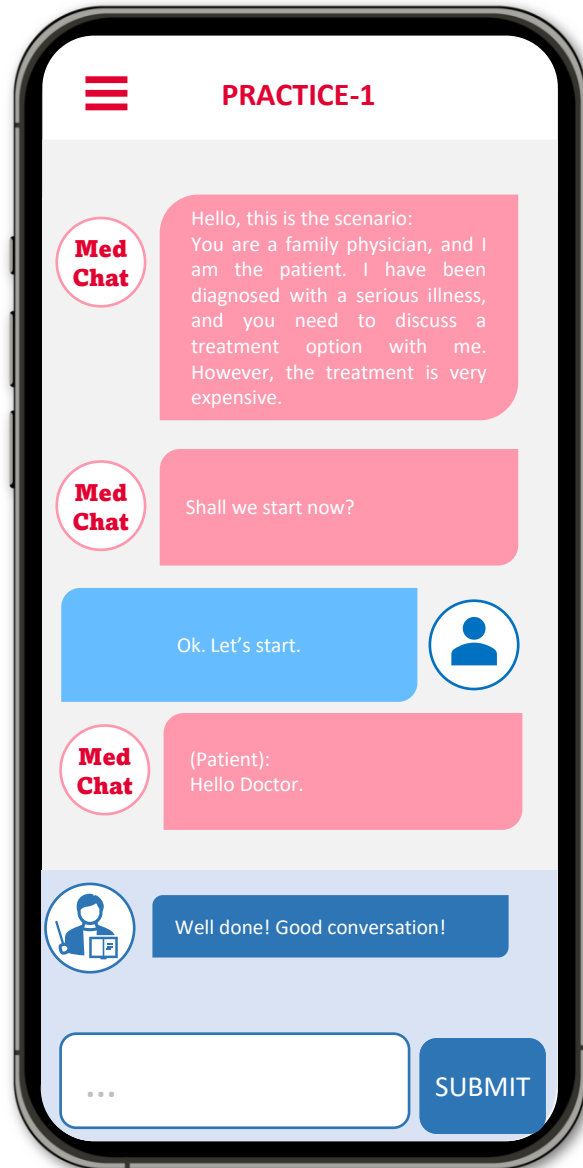
for Teacher



- When a teacher clicks a student, he/she will be able to see the all-conversation records of the student with ChatGPT.

FEEDBACK SCREEN

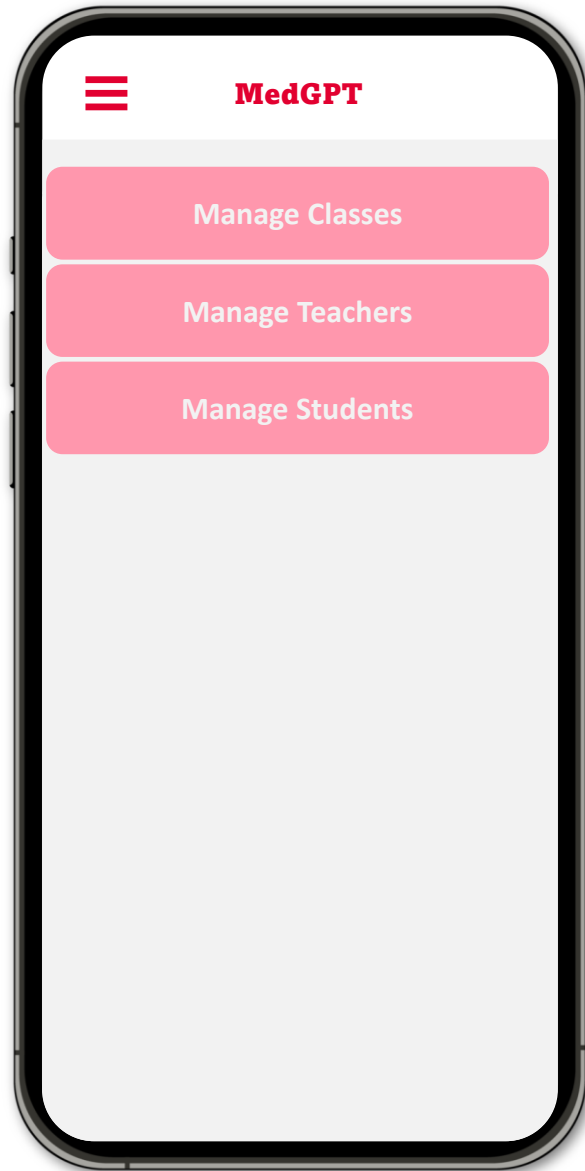
for Teacher



- When a teacher clicks a conversation, he/she will be able to see all conversations occurred between the student and MedGPT
- The teacher will be able to give a comment to the conversation.

MAIN SCREEN

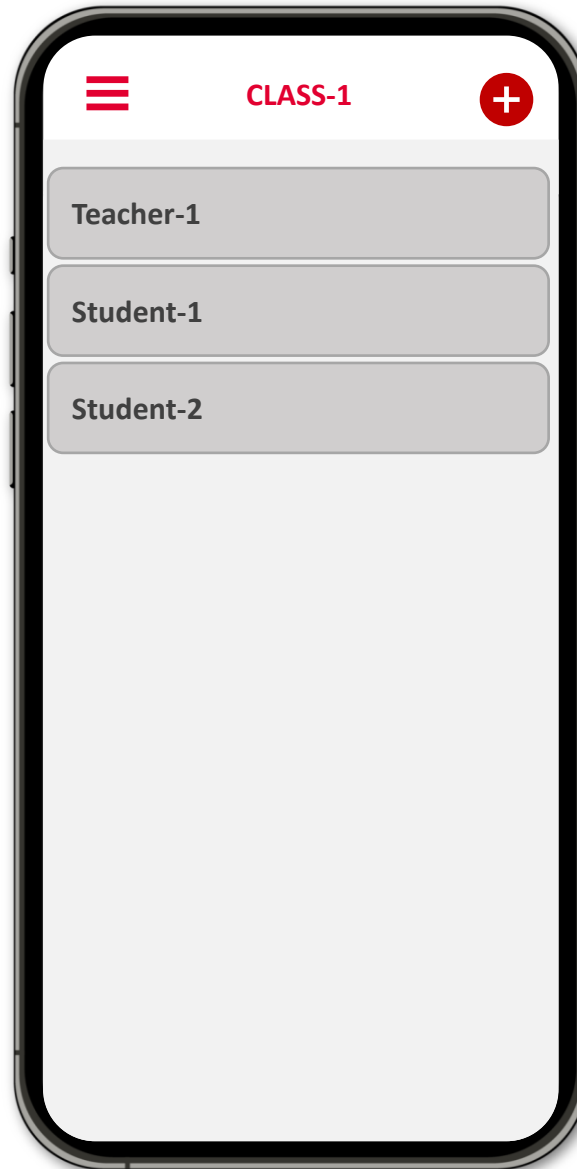
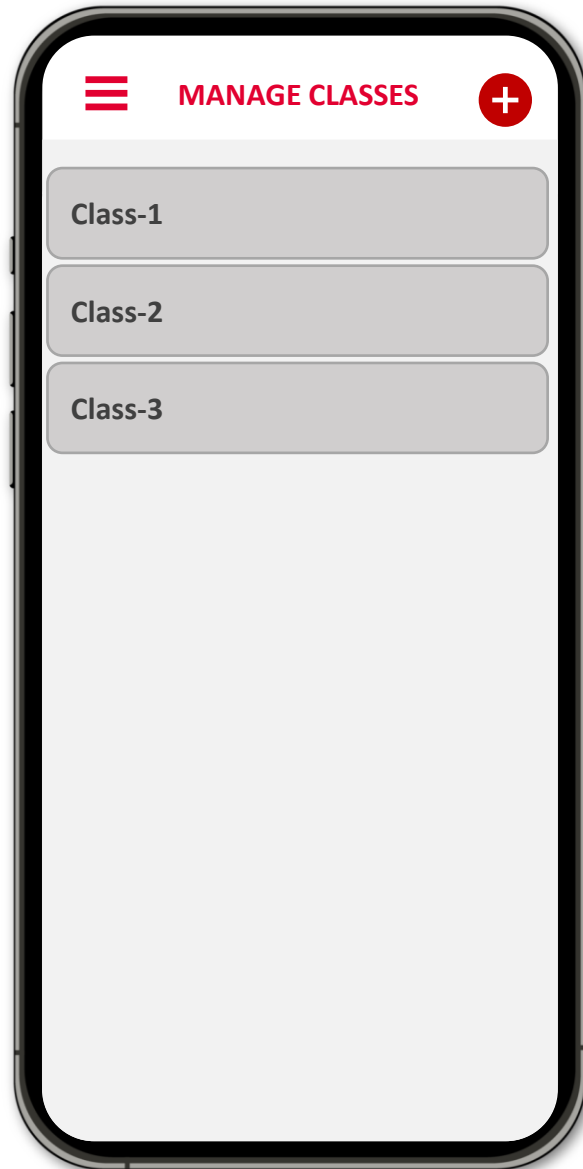
for Admin



- Admins will be able to manage classes, teachers and students on the main screen

MANAGE CLASSES SCREEN

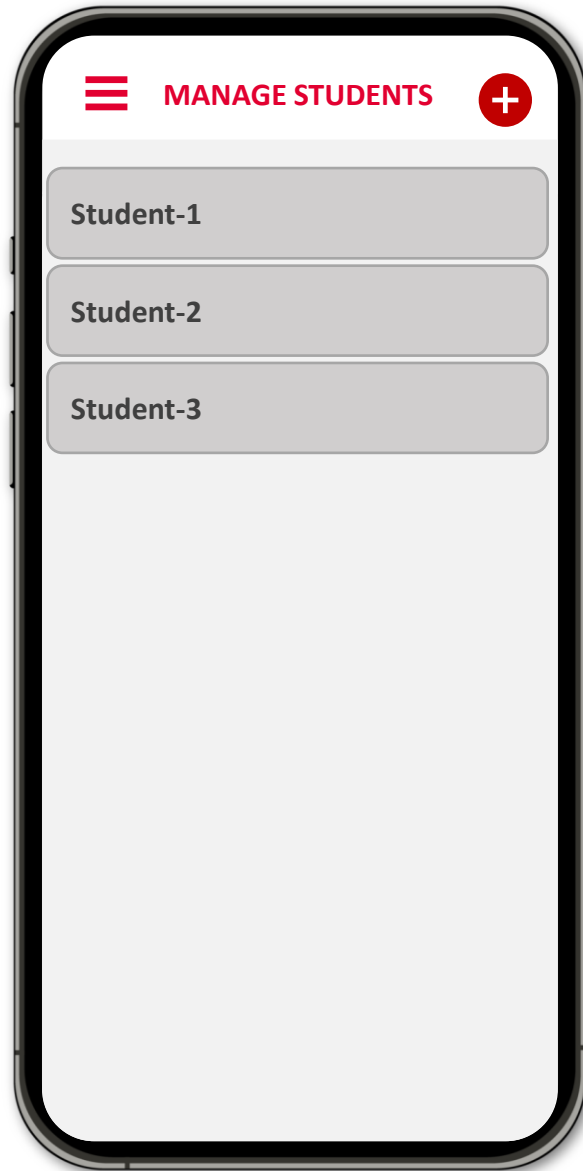
for Admin



- When Admin clicks Manage Classes, he/she will be able to see all classes created.
- He/she will be able to create new classes
- When Admin clicks a class, he/she will be able to see all students and teachers registered to that class.

MANAGE STUDENTS SCREEN

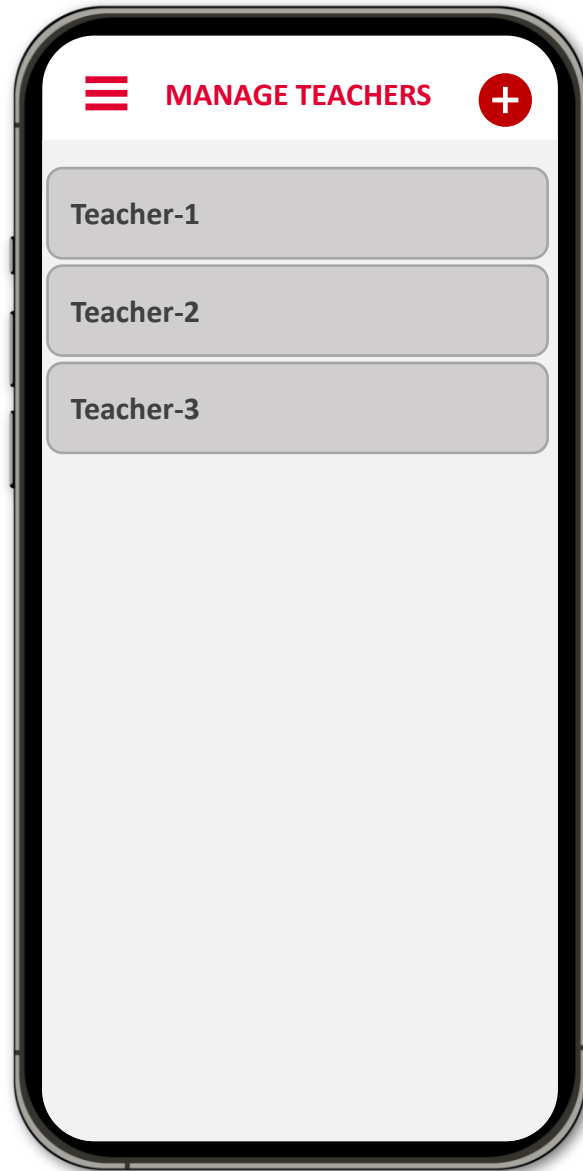
for Admin



- Admins will be able to manage all students registered to MedGPT
- He/she will be able to add new students

MANAGE TEACHERS SCREEN

for Admin



- Admins will be able to manage all teachers registered to MedGPT
- He/she will be able to add new teachers.