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My School

Description

This app help parent to communicate with school and teachers and track the bus of school to know if it arrive home or not yet, allow to school manager to post instruction and information to parent and help teacher to give feedback to parent about student

Intended User

School stuff and student's parent

Features

List the main features of your app. For example:

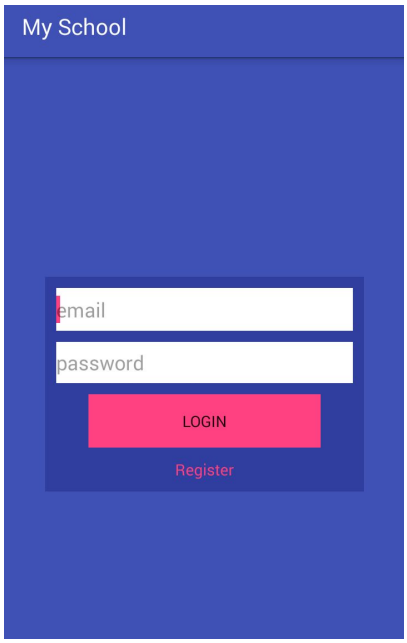
- Chat between stuff and student's parent

- Show a path of buss
- Send message to parent when buss arrive home
- Show instruction and information to student's parent

User Interface Mocks

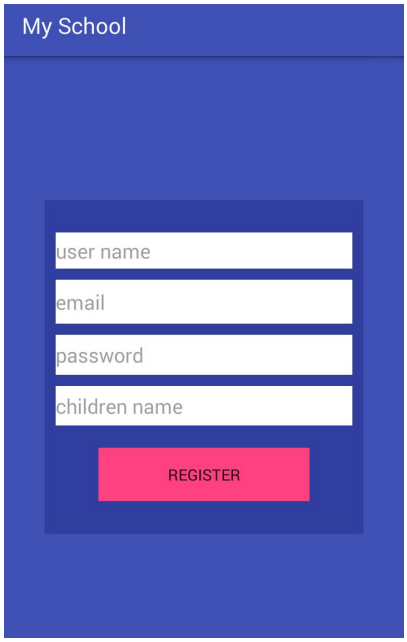
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1

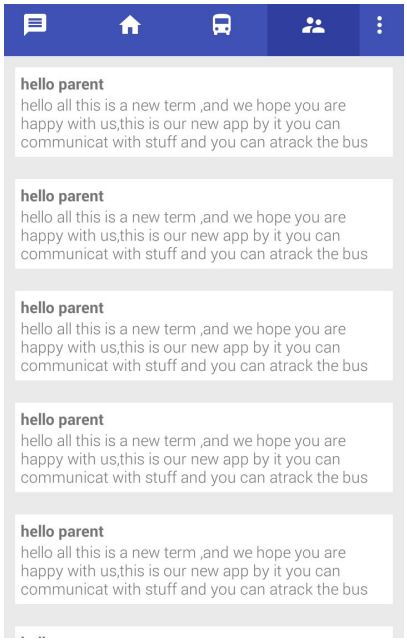


Login activity it's for staff

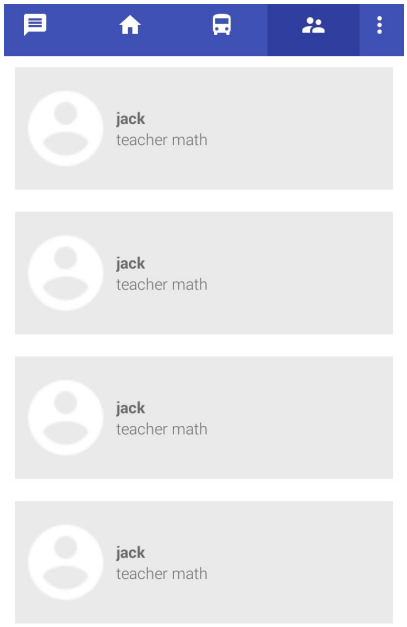
Screen 2



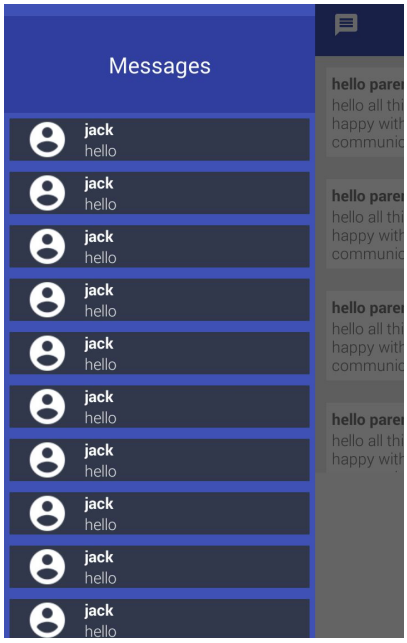
Register page it’s just for parent



Home page show posts to parent from school

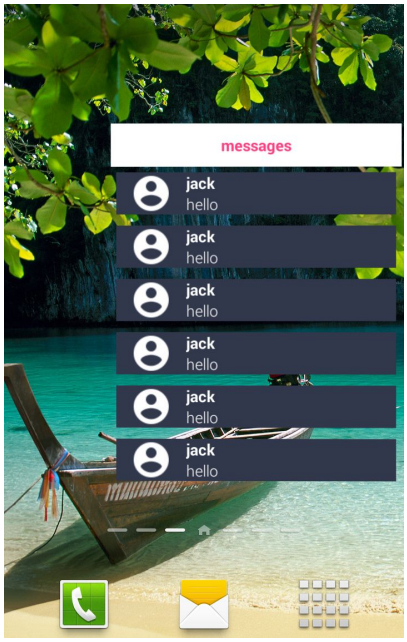


Staff page accounts show account of stuff to parent



Message page show message send to you

Chat page



Widget page

Key Considerations

How will your app handle data persistence?

I build Content Provider to save my data and use shared preference

Describe any corner cases in the UX.

User use backpress to return to previous page

Describe any libraries you'll be using and share your reasoning for including them.

Use picasso to handle photo because it is easy and fast
Use retrofit to retrieve json because it is easy and fast

Describe how you will implement Google Play Services.

I will use google map to show path of buss
I will use location services to get location of the bus

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

- Configure libraries like (retrofit ,picasso ,recycleview)

Task 2: Implement UI for Each Activity and Fragment

- I build some Ui
- Build UI for MainActivit
- Build UI for LoginActivity
- Build UI for RegisterActivity
- Build UI for home fragment
- Build UI for buss fragment
- Build UI for for stuff fragment
- Build UI for chat room Activity
- Build UI for ProfileActivity

Task 3: Your Next Task

- Make a simple backend to test my app
- Make login
- Make register (send data to web service using retrofit)
- Retrieve posts (pull posts from web service using retrofit)
- Move data to DetailsActivity
- Replace fragment

Task 4: Your Next Task

- Use FCM to send and receive messages
- Get token of device
- Use retrofit to send json include (token of sender ,token of receiver ,message,name of sender

Task 5: Your Next Task

- Implement map
- Take location of buss from driver phone and send it to server
- Get location of buss from server
- Show a path of buss to parent

Add as many tasks as you need to complete your app.
