

Final Project Report

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Main Features

1) Login/Signup

- User can login using a username/password.
- User can create a new account using their mail id if that does not exist in Parse.com.
- Error message is generated if the email id already exists.
- While creating account user have the privilege of adding a profile photo.

2) Profile

- User can create their own profile.
- Profile contains the user first name, last name, gender and profile photo.
- User can edit and update their profile details as per the requirements.

3) Album

- User can create their own photo album and can control its privacy.
- Can add photos to the album.
- Privacy can be set to either public or private as given in the requirements.
- If the privacy is set to public, the album is visible to all the users.
- Where as if it is set to private, only the users invited by the owner can view the album.
- The privacy of the album can be managed by the user.
 - i) When a private album is made public, it becomes visible to everyone.
 - ii) Whereas, when a public album is made private it's access is made limited and the user will be given the opportunity to invite users to that particular album.
- Each album's photos can be separately opened and viewed as stated in the requirements.
- Moreover, an album can be deleted by the owner of the album.
- To list out the available albums to a particular user, we have used tab layout so it will be less ambiguous and user friendly to the user. There will be three tabs which separately shows lists of public albums, invited albums and his/her own albums which is an asset in this album part of the project.
- The user also has given the ability to view his album details, that is the privacy of the album and who all have been invited to the album.
- He can modify the privacy of the album even after creating it later.
- The purpose of picking this design above all is that, to make the UI very clear and less ambiguous to the user.

4) Messaging

- User is able to get the list of users which are online or offline.
- If the user is online is shown by green icon else it shows red icon for offline.
- There is separate inbox for each user where they can send and receive messages.
- User is able to reply back to the received message.
- Sent and received messages are shown with different color bubble so that user can distinguish.
- A status message is shown while sending a message i.e. whether the message has been delivered or not.
- The messages are filtered based on the sending time.
- New messages comes at the last of the stack.
- At what time the user sent and received the messages are also shown.

5) Privacy

- Owner of the album is able to control the privacy of the album by either making the album public or private.

Expected Requirements

1) Login and Signup Feature:

Expected Requirements	Complete	Partial
The app should enable users to login using a username/password.	Yes	
In addition the app should enable users to login using their Facebook and Twitter credentials.	No	

2) Profile feature:

Each user profile should contain the user first name, last name, gender and profile avatar or photo.	Yes	
User should be able to edit and update all their profile content including the photo/avatar.	Yes	

User listing should be provided to enable users to discover and view profiles and albums of other users.	No	
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3) Album feature:

Each user should be able to create photo albums and should be able to control the privacy of their albums.	Yes	
The privacy of an album can be set to either Public or Private. A public album is an album viewable by any user in the system. A private album is only viewable to users that are invited to view the album. The owner of an album should be able to control the privacy of their specific albums.	Yes	
The owner of an album should be able add and delete photos from their albums.		Yes [Cannot delete photos from album]
The owner of an album should be able to delete a whole album.	Yes	
The owner of albums should be able to clearly view the listing of their albums, the album's privacy and users with which albums have been shared with.	Yes	
Users should be able to view a listing of their albums, public albums and albums to which they	Yes	

are invited. The users should be able to view the photos of each albums they have access to and should be able to view each photo individually.		
The album information and photos should be stored and managed on Parse.com	Yes	
Album owner should be able to invite other users to their albums. Invited users should be able to view and add new photos. Photos added by invited users should be moderated by the album owner before they are visible in the album, verified photos should be made visible as part of the album.		Yes [Can invite users to their albums, but the users can't add photos to the invited album]

4) Messaging feature:

Users should be able to send messages to any user in the system, given that the recipients privacy policy permits it.	Yes	
The message should be able to contain, message text and message photo if required.		Yes [Photo cannot be sent in the message]
Each user should have their own inbox and should not be able to access other user's inbox.	Yes	
User should be able to reply to received message.	Yes	

Users should be able delete a received message.	No	
The Inbox UI should easily and clearly distinguish between new and read messages. Also from the UI the user should be able to identify who is the sender and the time it was sent.	Yes	

5)-Push notifications feature:

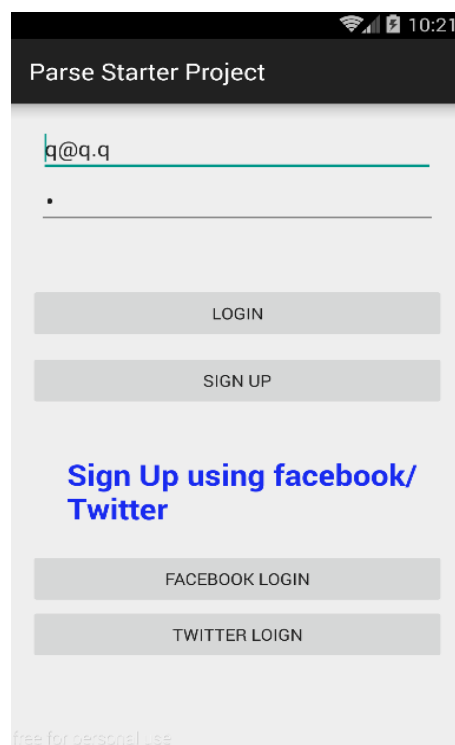
When user A shares a photo album with user B, then user B should get a push notification alerting him of this event.	No	
When user A submits a photo in the album owned by user B, then user B should get a push notification alerting him to this event and requesting user B to verify the submitted photo. If the photo is verified by user B then user A should get a push notification.	No	
When user A sends a message to user B, then user B should get a push notification alerting him of this event.	No	
When a new user successfully registers to the app, all the users in the system should get a push notification alerting them to this event.	No	

6) Privacy:

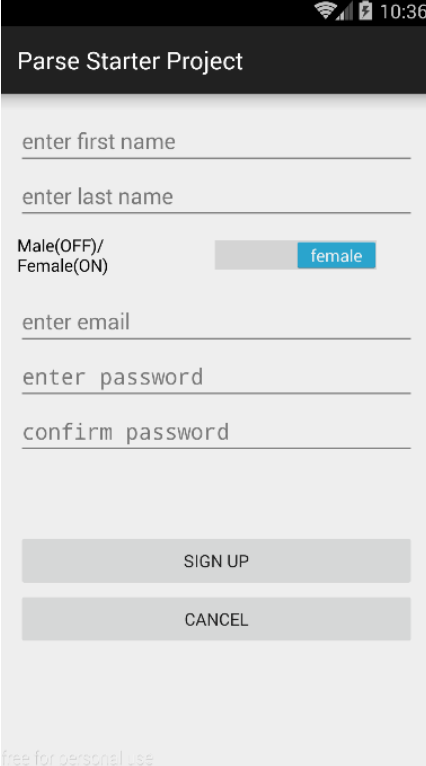
Users should be able to setup the privacy of their albums as indicated in the albums feature.	Yes	
Users should be able to control if their profile is listed in the user listing or not.	No	
Users should be able to control if they should receive push notifications or not.	No	

Screenshots

1) Login

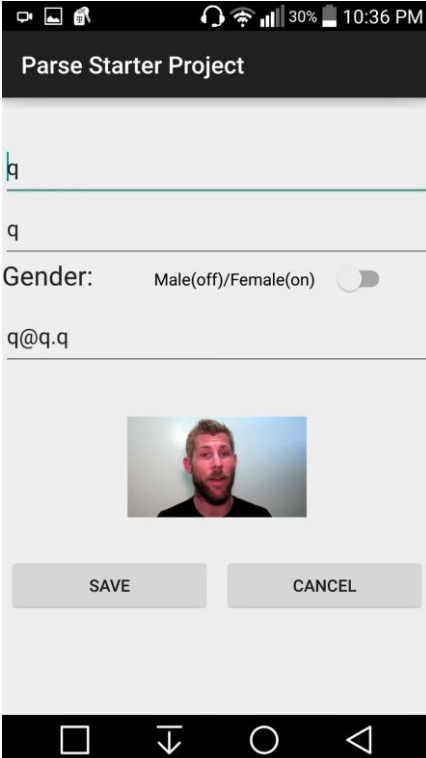


2) Signup



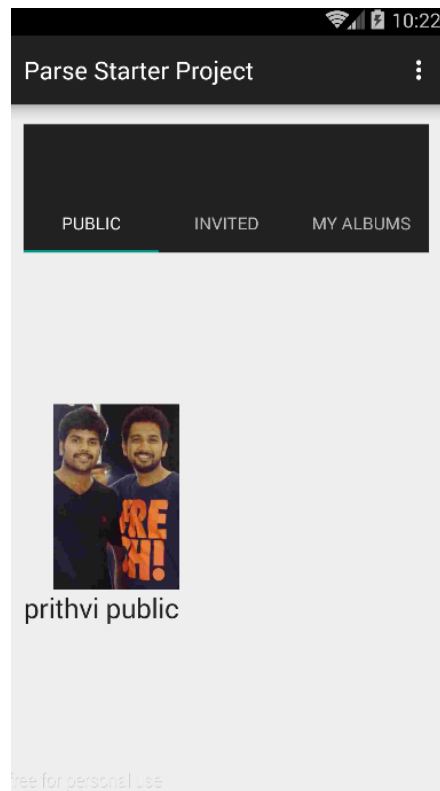
A screenshot of a mobile application titled "Parse Starter Project" showing a signup form. The form includes input fields for "enter first name", "enter last name", "enter email", "enter password", and "confirm password". There is a gender selection section with the text "Male(OFF)/Female(ON)" and a toggle switch currently set to "female". At the bottom of the form are two buttons: "SIGN UP" and "CANCEL". The status bar at the top shows a Wi-Fi icon, a battery icon, and the time "10:36". A small text at the bottom left reads "free for personal use".

3) Edit Profile

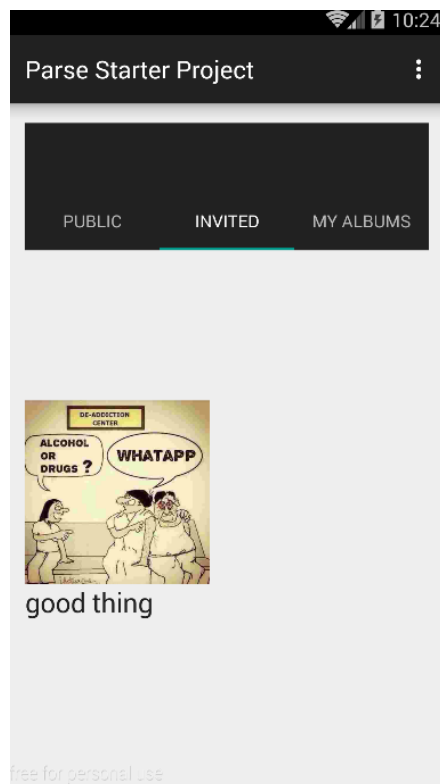


A screenshot of a mobile application titled "Parse Starter Project" showing an edit profile screen. The form includes input fields for "q", "q", and "q@q.q". There is a gender selection section with the text "Gender: Male(off)/Female(on)" and a toggle switch currently set to "Female(on)". Below the form is a profile picture of a man with a beard. At the bottom of the form are two buttons: "SAVE" and "CANCEL". The status bar at the top shows a camera icon, a Wi-Fi icon, a battery icon, and the time "10:36 PM". The Android navigation bar is visible at the bottom.

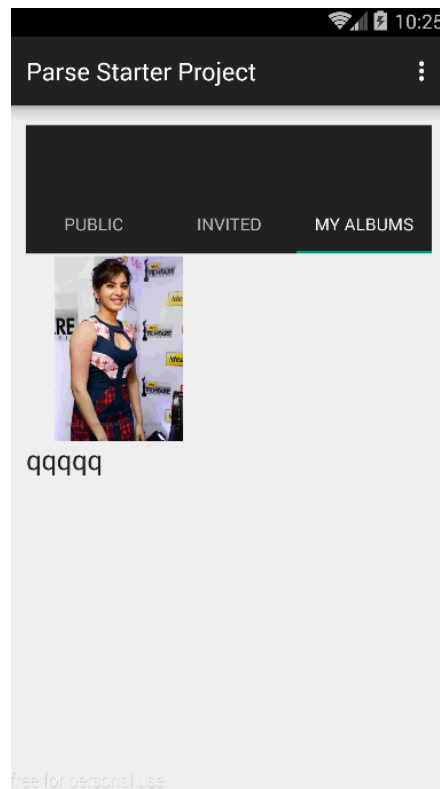
4) Public Albums



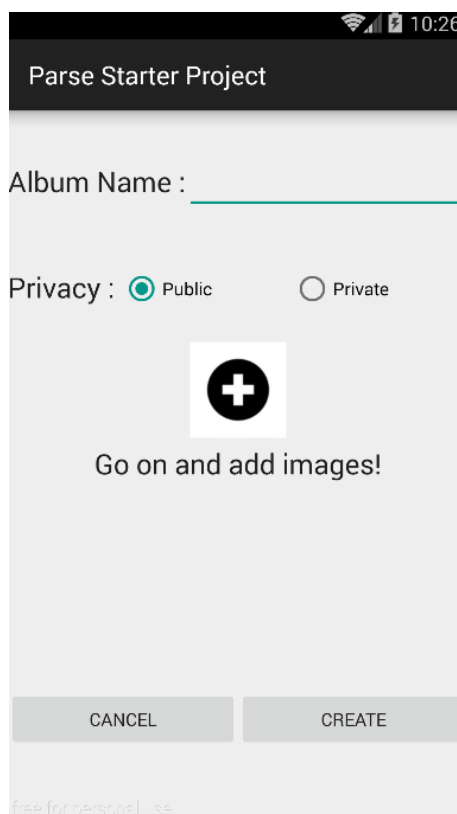
5) Invited Albums



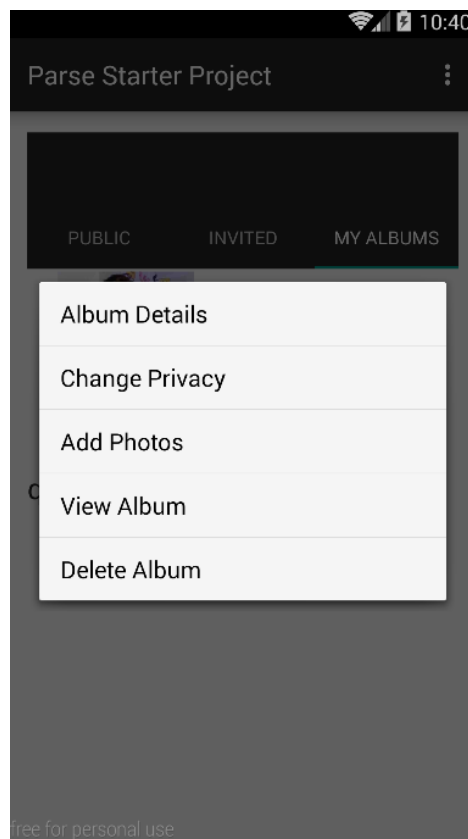
6) User Albums



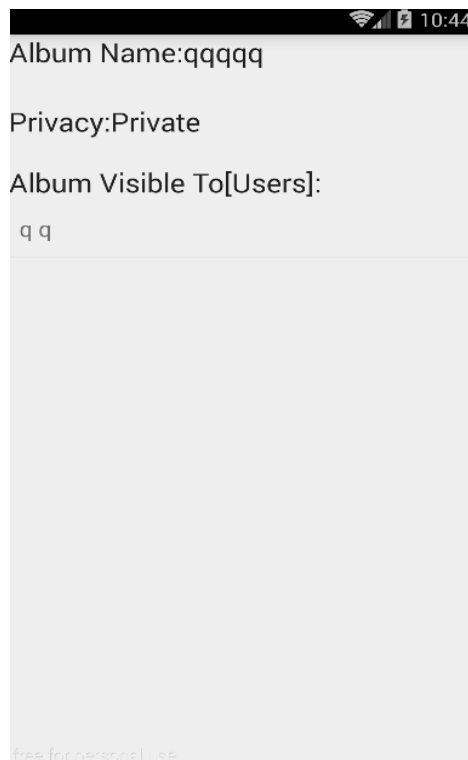
7) Creating Album



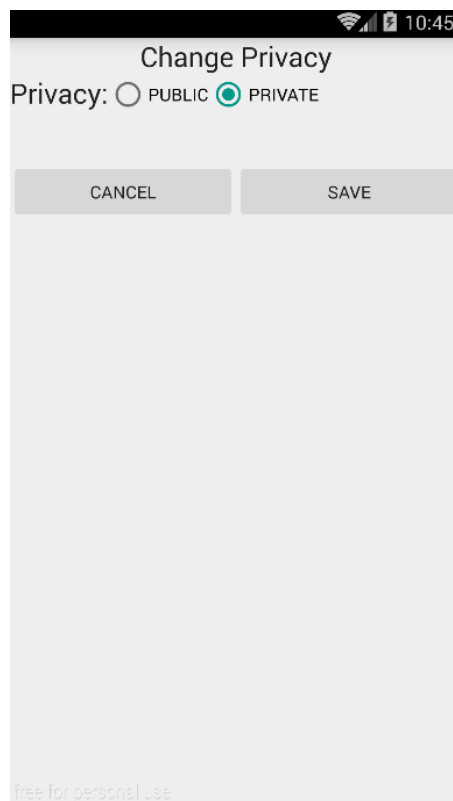
8) Editing Albums



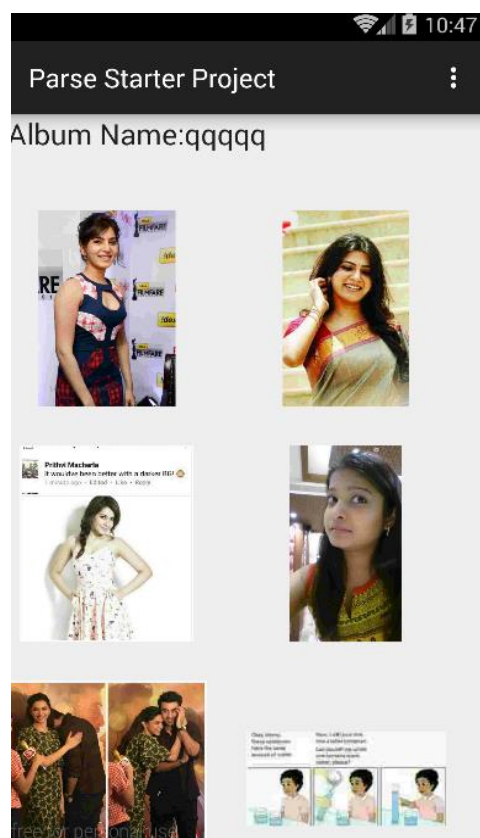
9) Album Details



10) Changing Privacy of Album

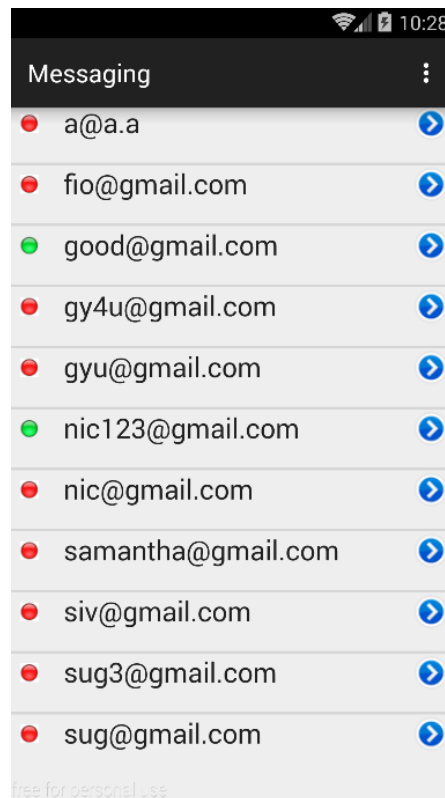


11) View Album



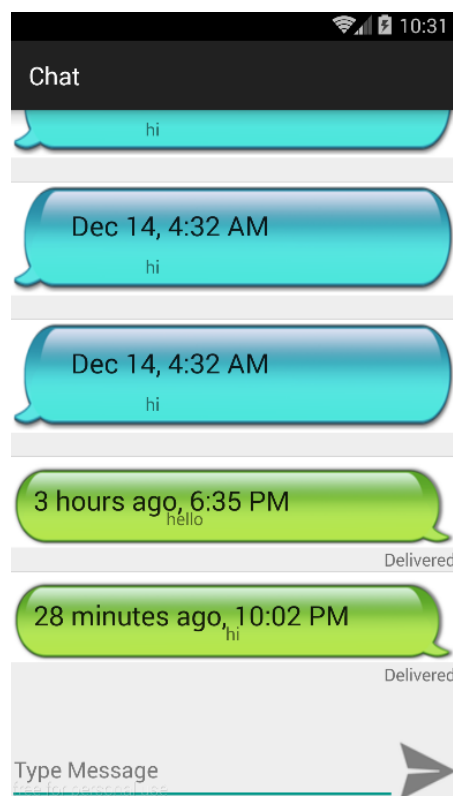
12) Messaging

Showing the online user with green icon and offline user with red icon



13) Chat Activity

Shows sent message with green bubble and received messages with blue bubble.



Design Decisions

Discussion about the design features included:

- To list out the available albums to a particular user, we have used tab layout so it will be less ambiguous and user friendly to the user. There will be three tabs which separately shows lists of public albums, invited albums and his/her own albums which is an asset in this album part of the project.
- The purpose of picking this design above all is that, to make the UI very clear and less ambiguous to the user.
- Now the user can clearly view which album is what and also has a clear idea on his possible actions.
- Coming to the design of the edit profile. The user gets his data populated when Edit Profile is clicked, can make the wanted changes and save.
- Alert dialogs are properly put into use to navigate wherever the user wants to by picking the giving the options through the alert dialogs.
- Coming to messaging, special attraction here is that whenever a user logs in the bubble turns green to indicate that the particular user is online.
- The listview is properly populated to view all the messages easily.