**WEEKLY STATUS REPORT FOR THE WEEK ENDING ON  
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***ACTIVITIES:***- Meeting on March 12:

The group met together to share our code and layouts for the prototype. Collectively we worked on and finished: creating the initial database tables, coding server scripts that could query the database, the initial layout of the application and its activities, creating network request code that would allow the application to send HTTP requests to the server as a background task.

***ACCOMPLISHMENTS:***

* Prototype complete:
  + Initial database created
  + Basic examples of server scripts supplying data from the database to requests (using HTTP)
  + Initial application layout created, focusing more on the functional aspects than the visual/design portion of the application
  + Allows viewing of the main screens of the application, Login, Profile, and MatchMaking (with MatchMaking capable of demonstrating pulling data with the application’s connection to the server)

***ISSUES/PROBLEMS:***

-Some time spent re-familiarizing and learning some of the Android basics, including layouts and activities.

-Troubleshooting server-side code to make sure it was properly generating the response from the database

-Android does not allow expensive I/O code on the main thread of execution, so the network request must be created using an AsyncTask interface to run it in the background of the application

***PLANS:***

* Now that we have shown all of the pieces of our overall system work, the plan is to refactor and refine the prototype objects similar to our approach last semester. Using rough drafts of models like sequence diagrams, we intend to create a design that logically divides up the subsystems of StudyBear between separate single-purpose objects that work together rather than large multi-purpose objects.