

Studyr

With Blackboard Learn

by Austin Smitherman

A communication tool for students

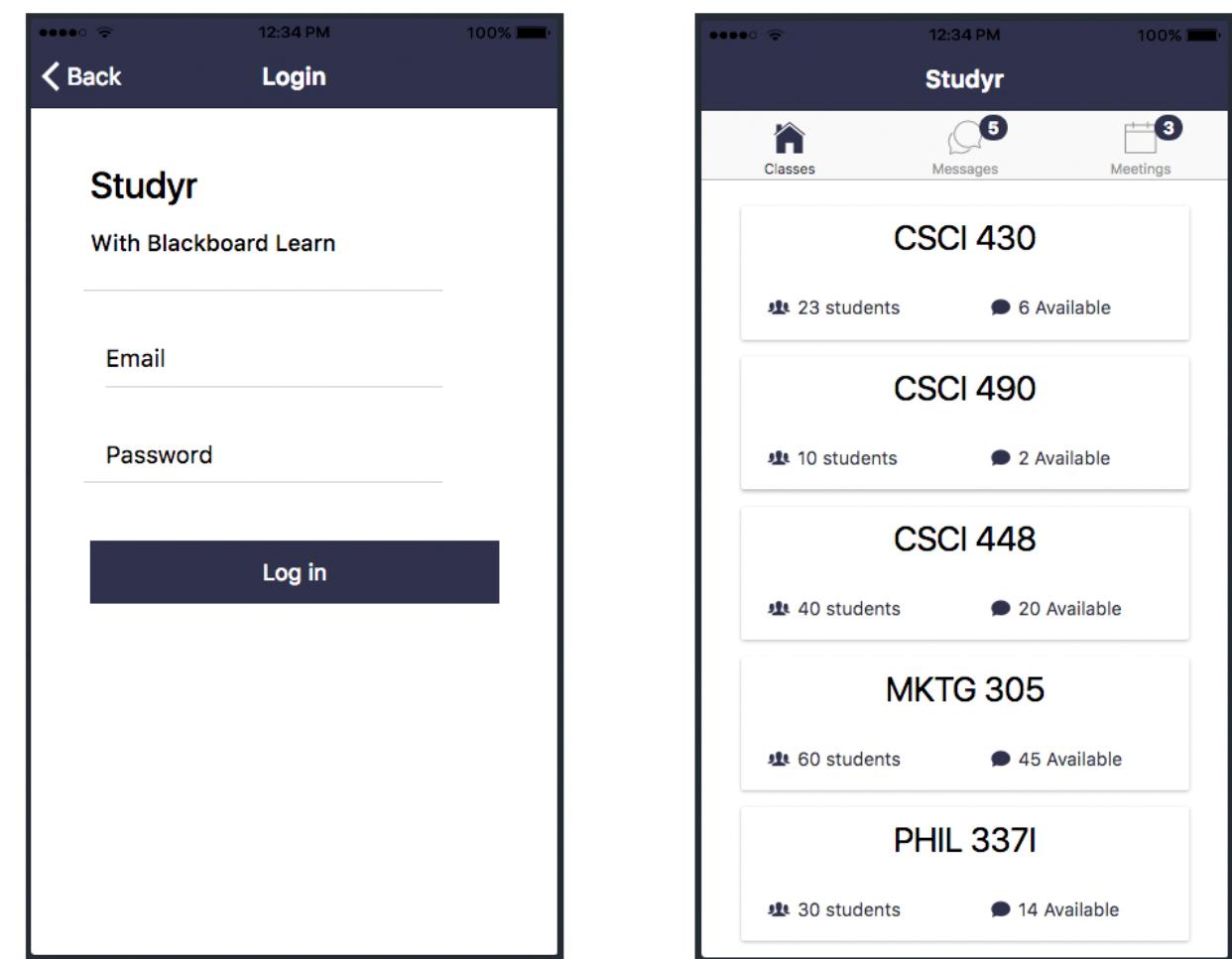
Why?

Collaborating with others helps students get the most out of their classes. Study partners can provide an alternative perspective that helps students better understand concepts to solve problems. Often times it is difficult to meet others in a new course. Studyr aims to connect students and enable them to achieve deeper learning and understanding.

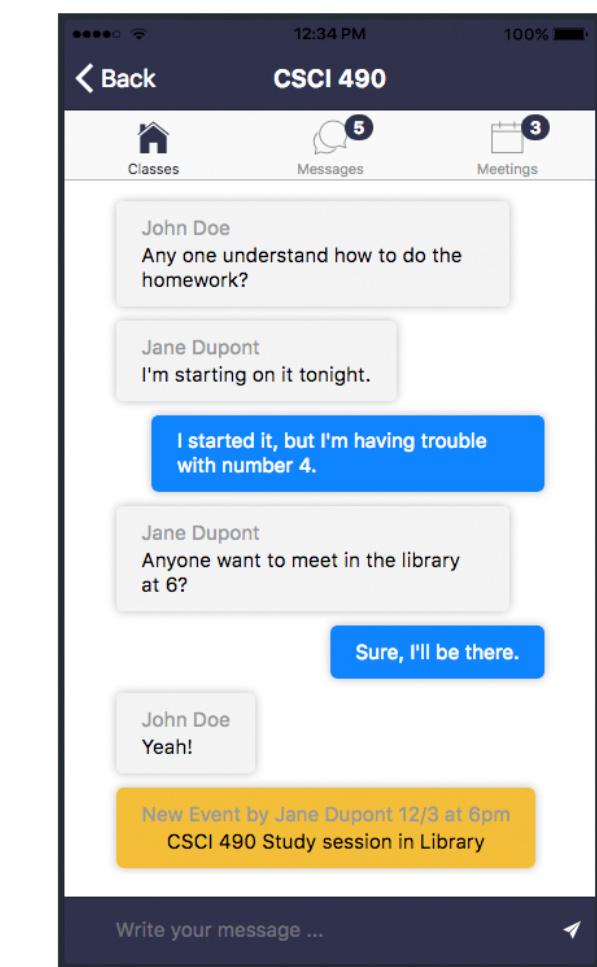


How?

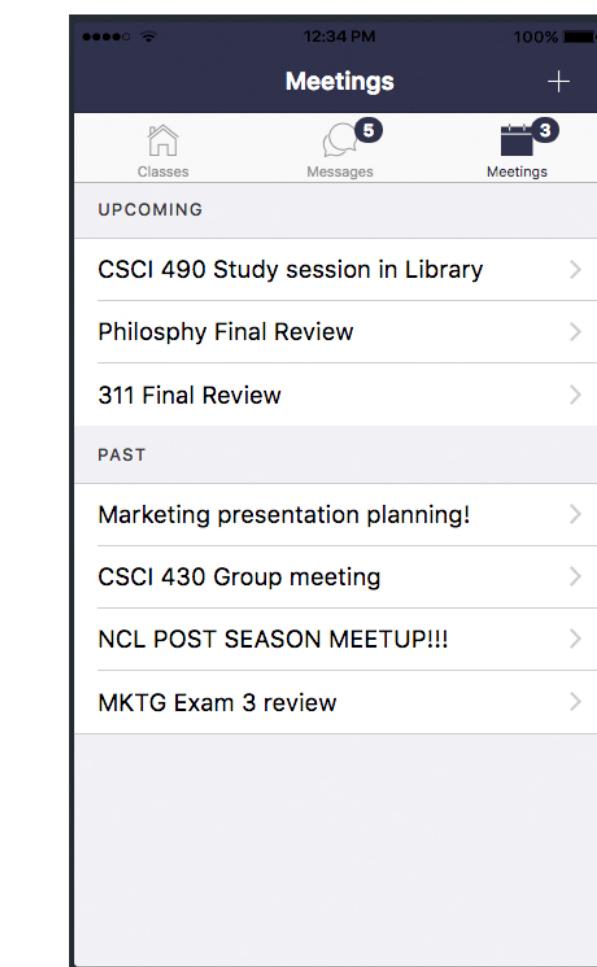
Studyr leverages the Blackboard Learn RESTful API using the Client-Server concept. This allows users to log in with Blackboard Learn credentials to see their classes and join others in the learning process. Studyr utilizes the Firebase Realtime Database to store course information, messages, and user data. Using the Ionic framework, Studyr is a cross platform mobile application for iOS and Android Devices.



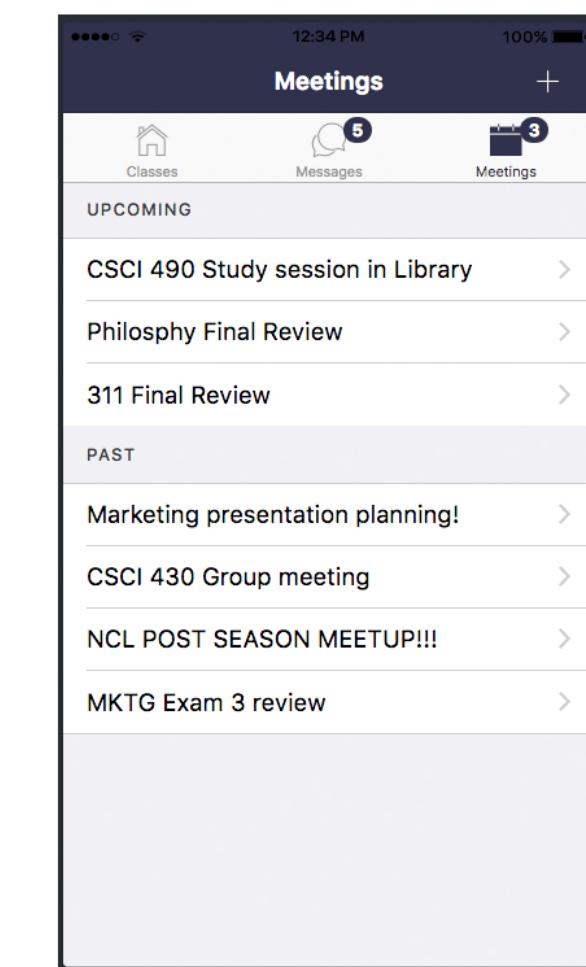
Login with Blackboard Learn



View Enrolled Courses



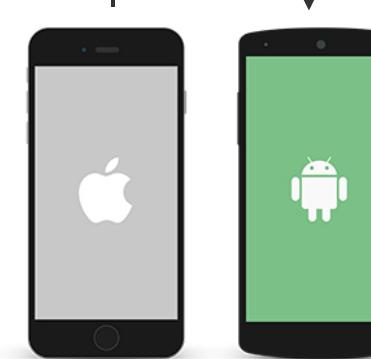
Group chat with class or DM



View and create events



Authenticate Student Logins
Send/Retrieve Messages
Store Event Data



Get Student Data
Get Course Data



Rest API Requests

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