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High-Level Requirements - LiveClass

We will create a web application which will consist of a login page, a home page, a lectures page and a streaming page. Users will be required to login and once they have successfully done so, they will be redirected to the lectures page. Lectures page contains a list of all the available lectures. Once a lecture is clicked, the user will be redirected to the streaming page. This page will include a lecture live stream box, a live chat box, and a file/announcement section.

There will be three different types of users: guests, students, and course staffs. Each user will have different access levels. Guest can only view public live streams. Students will have the ability to view a live stream of a course staff's lecture as well as post questions through a live chat. Each time a live stream begins, students will be notified via email. Course staffs will have the same abilities as students in addition to being able to start and end a live stream and answer/delete student's chat questions. Also, course staffs will have the ability to control which users have access to the live streams through email invitations and access codes. Once a live stream ends, the chat will be saved to a file which can later be accessed by any valid user.