

# Release Plan

## Coursierge

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### High Level Goals

- To allow a professor to stream classroom content through Android app
- To allow students to connect to a classroom to view classroom content
- To establish a connection between a Daydream and a live classroom.
- Allow students to communicate with a professor during livestream.

### Product Backlog

Features	Priority
Streaming Service implemented	High
Clean and Smooth UI	High
Questions Feature, interactivity	Low
Website implementation	Low
Google Daydream Implemented	Medium
Allows screen sharing in a way for PowerPoint presentations, supporting files, etc.	Medium
Run as background service for audio	Medium
Professor allows speaking rights to students for questions. (AUDIO)	Low

### User Stories

Sprint 1:

As a developer, I want ...

- To implement a streaming service so that I can establish a connection between a professor and student.

- To separate classrooms by their class/section. The app should also recognize if there is an already existing session and thus not generate a new session ID.

#### Sprint 2:

As a developer, I want ...

- A clean, creative UI to allow a user to easily establish a connection to Tokbox.
- To implement a method to switch between casting a file (such as a PowerPoint) over a connection to the mobile device, and a camera stream.
- To fix potential streaming issues.

#### Sprint 3:

As a developer, I want ...

- To create a method of interaction between the professor and students.
- To create a feature to cast audio only when casting a file. an already existing session and thus not generate a new session ID.
- To further enhance the UI to make it easier to use.

As a developer, I want ...

- Google Daydream compatibility and ease of access for students
- Enable class content streaming to Daydream
- Enable student/professor interaction on Daydream