

INTEGRATION WEB PROJECT TOPIC

WHAT:

To design a baseline application (not a finished product) for ENSSAT users for pushing useful information such as timetable and urgent messages from the school and so on. (LOOK AT APPSCHO.com as inspiration)

ARCHITECTURE:

Two parts:

1- FRONT-END:

With Progressive Web App (Vue.js)

- a. One PWA app for students:
 - i. Subscribe to a timetable
 - ii. Subscribe to a channel
 - iii. Should let us integrate new features later
 - iv. Should be able to be used offline
- b. One PWA for the school:
 - i. Edit and broadcast messages on channels

2- BACK-END:

Web service exploiting NodeJS and REST architecture.

Should interface with existing services on the web and aggregate them : For instance, it will aggregate time tables for students groups from <https://planning.univ-rennes1.fr/> and make them available for front ends.