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)

ARCHITECURE:

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.