Full Stack JS Project - 4 TWIN

esprit <twin/>
Ecole Supérieure Privée
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The PI Full Stack JS is a project-based learning proposed to give students the opportunity to develop knowledge and skills through engaging projects set around challenges and problems they may face in the real world. Students will work on teams to implement a set of projects using a web-based technology.
Following are the three main phases of the project management schedule:

PHASE 1: PROJECT STUDY, REQUIREMENT ANALYSIS AND PROTOTYPING

PLANNED WORK

Problematic definition
State of the art
Preliminary Feasibility Study
Solution & functional/technical requirements

TECHNICAL DELIVRABLES

Wireframes of the solution

PHASE 2 : ADVANCED FEATURES SPECIFICATION, APPLICATION DESIGN & REALIZATION

PLANNED WORK

Data Model
Physical architecture and technical environments
Specification of the advanced features
Advanced Feasibility Study (Cases studied problems and Results - development Back-end)
Development of static user interfaces (Front-end)-> depending on the project

TECHNICAL DELIVRABLES

First NodeJS components (scenarios and case studies tests)
Static User Interfaces (Front-end)

PHASE 3.1 : REALIZATION OF ADVANCED FEATURES, DEPLOYMENT AND TESTS

PLANNED WORK

Implementation of the solution (V1):
Continuation Back-End development
Collecting and using flow from external application(Phase 2 + Phase 3)
Consuming REST services by the front-end
Development of final user interfaces (Front-end)
Exposing REST services by the back-end Node.js

Integration

TECHNICAL DELIVRABLES

Implemented Application V1

PHASE 3.2 : REALIZATION OF ADVANCED FEATURES, DEPLOYMENT AND TESTS

PLANNED WORK

Finalization of final delivrable (V2)
Final Integration/Deployment of the solution
Tests

TECHNICAL DELIVRABLES

Implemented Application V2
Tests results

TECHNOLOGIES