

ASSIGNMENT NAME: HYP/Technology/BE

DESCRIPTION: Evaluation of the backend of the application

COURSE: Hypermedia applications

STUDENT/GROUP:

ADDITIONAL CONSTRAINTS: To pass the backend part, each criteria grade should at least be "partially" or more. Besides, the web application should be up and running at the time of the exam; no projects with a non-functioning application will be accepted. The documentation should be available as a single page through a specific url of the web app you are building (e.g., `yourwebapp.com/docs/be`). The page must contain 1) a link to the browsable openAPI specification, 2) a link to the private repository containing the source code (provided that you've given access to `vittorio.zaccaria@polimi.it`) and should describe how each criteria in the "Specification" and "Implementation" dimensions below have been addressed.

DOCUMENTATION (33 %)	fully (100%)	fairly (70%)	partially (60%)	slightly (30%)	not at all (0%)
Provides a link to the REST Api specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provides a link to the on-line repository where application code is stored	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Describes how each criteria in the "Specification" and "Implementation" dimensions below have been addressed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provides an overview of the architecture of the application through a diagram	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Describes the data model used for managing the application through a conventional (e.g. ER diagram) formalism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SPECIFICATION (33 %)	fully (100%)	fairly (70%)	partially (60%)	slightly (30%)	not at all (0%)
Adheres to common practices to partition the web application (static assets vs. application data, front-end data vs application data etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is documented through an OpenAPI browsable spec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Defines a concise yet comprehensive (concerning the front-end requirements) set of REST endpoints	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Defines a concise, simple model for data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

IMPLEMENTATION (33 %)	fully (100%)	fairly (70%)	partially (60%)	slightly (30%)	not at all (0%)
Adheres to the provided specification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Provides session management enabling access control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Integrate either a relational or a no-sql database for managing the data model	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Differentiate code and data to enable app retargeting and/or internationalization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>