

Integrative Software Engineering

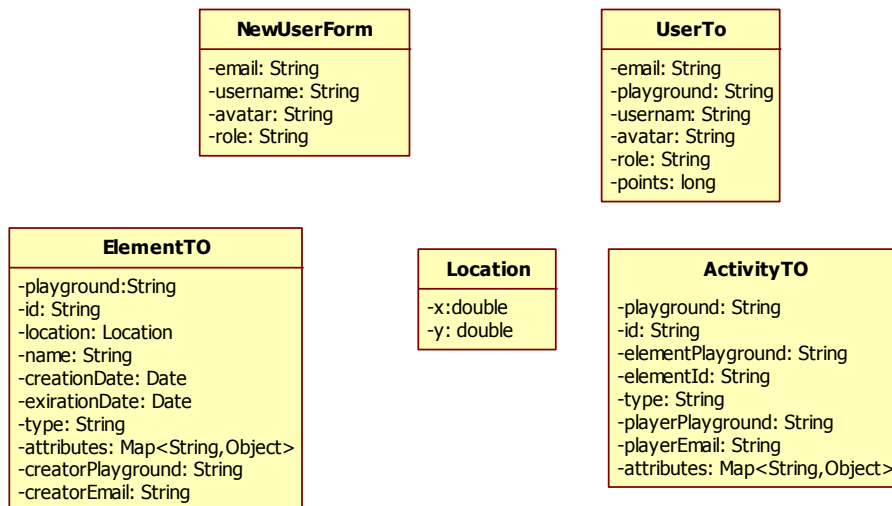
Sprint 2 outputs:

1. RESTful API (project source code implementation)

- You should hand at the end of this sprint a Server based Spring Project that extract a RESTful API.
- Currently the API relies on a dummy implementation, that only return expected, hardcoded values, according to the various conditions your team defines
- Required API:

HTTP Method	URL	input	Output
POST	/playground/users	NewUserForm	UserTO
GET	/playground/users/confirm/{playground}/{email}/{code}	--	UserTO
GET	/playground/users/login/{playground}/{email}	--	UserTO
PUT	/playground/users/{playground}/{email}	UserTO	--
POST	/playground/elements/{userPlayground}/{email}	ElementTO	ElementTO
PUT	/playground/elements/{userPlayground}/{email}/{playground}/{id}	ElementTO	--
GET	/playground/elements/{userPlayground}/{email}/{playground}/{id}	--	ElementTO
GET	/playground/elements/{userPlayground}/{email}/all	--	ElementTO[]
GET	/playground/elements/{userPlayground}/{email}/near/{x}/{y}/{distance}	--	ElementTO[]
GET	/playground/elements/{userPlayground}/{email}/search/{attributeName}/{value}	--	ElementTO[]
POST	/playground/activities/{userPlayground}/{email}	ActivityTO	Object

Input/ output classes definition:



2. Test Plan documentation and test report

- Gherkin documentation (Given, When, Then) for testing the RESTful API

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3. Appendix: Project progress report

- Kanban Board of project from sprint 2 initiation (October 28th)
- Kanban Board of project at the end of sprint 2 (November 11th)
- List of Students
 - Id
 - avatar in Kanban boards
 - roles in team
- General summary of work
 - What went well throughout the sprint
 - What should be improved in team work
 - What problems did the team encountered through the sprint
 - Why did we not complete all planned work
 - What is expected for the next sprint