

CATEGORY	FEATURE	POSSIBLE POINTS	
REST API	Richardson Maturity Model - Level 0	0	0
	Richardson Maturity Model - Level 1 (Ressources)	1	1
	Richardson Maturity Model - Level 2 (HTTP Verbs)	2	2
	Richardson Maturity Model - Level 2 (Hypermedia Control)	3	3
	API is safe and idempotent	1	1
	API supports query filters	2	2
	API supports pagination	2	2
DB Access	Table Data or Row Data Gateway Pattern implemented	1	1
	Active Record Pattern implemented	2	2
	Data Mapper Pattern implemented	3	3
	Using 3rd party Data Mapper or Active Record implementat	2	2
	Metadata Mapping Pattern implemented	3	3
	Query Object Pattern implemented	3	3
Authent.	Backend: Authentication uses 3rd party tool (e.g. passenge	2	0
	Backend: Manual implementation of user authentication	4	4
	Token based authentication (e.g. JSON web token)	3	3
	HTTP Cookie based authentication	1	0
	User can login from frontend	2	2
	User can login via OAuth2 (Facebook, Google, ...) from fronti	2	2
	User registration working from frontend	2	2
	Users have different roles based on login	3	3
	User can edit profile settings from frontend	2	2
Frontend	MVC, MVVM or related Pattern used	2	2
	Frontend Routing or Application Controller Logic implement	3	3
	Reactive Web App (with no serverside rendering)	3	3
	App uses mobile CSS framework	2	2
	Frontend app bundled using Electron or Cordova	3	3
DevOps	CI/CD workflows established in GitHub (builds, tests, ...)	4	2
	Working dockerfile for backend located in repository	2	2
	Backend available in dockerhub	3	0
	Multi-Container environment created (using docker-compos	3	0
	Backend: Unit-tests availabe	3	0
	Frontend: Unit-tests available	3	0
	Build process integrated in Jenkins (or similar)	3	3

Max. points	80
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Points achieved	<u>63</u>
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(*) Please enter a number > 0 in column D so that this point is evaluated. (Green tick appears...)

You pass this exam from 51% of the points