

# Project Evaluation Form

Mandatory assessment: max 100 points • Bonus: up to +20 points (overall max 120)

<b>Project title</b>	Custom merchandise store	<b>Team / members</b>	Domagoj Vlahek, Dmytro
<b>Deployment URL (spider.foi.hr)</b>	www.spider.foi.hr/12164	<b>Repository / source-code link</b>	<a href="https://github.com/dvlahek23/WAD_Project_CustomMerchandiseStore">https://github.com/dvlahek23/WAD_Project_CustomMerchandiseStore</a>
<b>Evaluator</b>	Domagoj Vlahek	<b>Date</b>	28.1.2026.
<b>Notes (optional)</b>			

Gating checklist :

Requirement	Met (Y/N)	Negative points	Notes
Deployed and runnable on spider.foi.hr	Y	-20	
Authentication not present; passwords stored securely (not plain text)	Y	-10	
Role-based authorization enforced on backend API	Y	-10	

## Mandatory assessment (max 100 points)

Area	Criterion	Max	Points	Notes / evidence
<b>System Design &amp; Documentation</b> 15 points (minimum required 5 points)	Architecture (frontend/backend/db + integration points)	5	5	
	Data model / ERD + relationships + constraints	3	3	
	Roles & business rules (incl. 2 regular user types)	3	3	Already submitted
	API documentation (endpoints, auth, errors, examples)	4	4	
<b>Backend Implementation</b> 35 points (minimum required 5 points)	Core entities & CRUD (Users, Categories, Main entities + status history)	15	15	
	Business rules enforced server-side (per roles/types)	7	7	
	Data integrity & validation (mandatory, unique, FK, invalid data blocked)	5	5	
	Security & access control (auth, confirmations, secure passwords)	5	5	
	Error handling + audit logging (who/when for critical actions)	3	3	
<b>Frontend Implementation (Angular)</b> 35 points (minimum required 5 points)	Role-based UI aligned with backend capabilities	10	10	
	Usability, responsiveness, clear error messages	8	8	
	Server-side handling of large data + filtering + sorting	6	5	pagination only on audit log
	Chart in at least one place about bussines data (not system data e.g. logging)	4	4	

	Angular code quality & standards (services/guards/interceptors)	4	4	
	Integration stability (consistent API use, auth state handling)	3	3	
<b>Presentation / Demo (mandatory)</b>	Clarity & structure	7	7	
	Functionality demonstrated (end-to-end scenarios)	8	8	
<b>TOTAL (mandatory)</b>		<b>100</b>	<b>99</b>	

**Bonus (up to +20 points; total bonus capped at 20)**

Bonus features (max 10 points each)	Evidence (where/how)	Points	Notes
JWT (access/refresh) or robust session handling (incl. CSRF where applicable)			
PDF report export (e.g., categories, tasks, audit trail)	In admin profile page, under the audit log	3	
CAPTCHA / rate limiting / brute-force protection			
TOTP / 2FA			
XSS hardening (sanitization, CSP basics)			
Other relevant, well-integrated improvement (specify) not mentioned previously			
<b>TOTAL (bonus)</b>		<b>max 20</b>	

**Final score summary**

Component	Max	Awarded	Notes
Mandatory	100	99	
Bonus (capped)	20	3	
Negative points	-40		
<b>TOTAL</b>	<b>100</b>	<b>100</b>	