Project Evaluation Form

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

Project title	Event Ticket Marketplace	Team / members	Toni Babić, Borys Fedorii
Deployment URL (spider.foi.hr)	http://spider.foi.hr:12150	Repository / source-code link	https://github.com/tbabic23/WAD-Event-Ticket-Marketplace
Evaluator	Toni Babić	Date	21.1.2026.
Notes (optional)			

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
System Design & Documentation 15 points (minimum required 5 points)	Architecture (frontend/backend/db + integration points)	5	4	
	Data model / ERD + relationships + constraints	3	3	
	Roles & business rules (incl. 2 regular user types)	3	3	Already submited
	API documentation (endpoints, auth, errors, examples)	4	4	
Backend Implementation 35 points (minimum required 5 points)	Core entities & CRUD (Users, Categories, Main entities + status history)	15	13	
	Business rules enforced server-side (per roles/types)	7	6	
	Data integrity & validation (mandatory, unique, FK, invalid data blocked)	5	5	
	Security & access control (auth, confirmations, secure passwords)	5	4	
	Error handling + audit logging (who/when for critical actions)	3	3	

Frontend Implementation (Angular) 35 points (minimum required 5 points)	Role-based UI aligned with backend capabilities	10	10	
	Usability, responsiveness, clear error messages	8	7	
	Server-side handling of large data + filtering + sorting	6	5	
	Chart in at least one place about bussines data (not system data e.g. loging)	4	1	
	Angular code quality & standards (services/guards/interceptors)	4	2	
	Integration stability (consistent API use, auth state handling)	3	2	
Presentation / Demo (mandatory)	Clarity & structure	7	7	
	Functionality demonstrated (end-to-end scenarios)	8	8	
TOTAL (mandatory)		**100**	**87**	

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

Component	Max	Awarded	Notes
Mandatory	100	87	
Bonus (capped)	20	7	
Negative points	-40	0	
TOTAL	100	94	
Bonus features (max 10 points each)	**Evidence (where/how)**	**Points**	**Notes**
JWT (access/refresh) or robust session handling (incl. CSRF where applicable)	Backend>src>middleware>auth.ts JWT used for entire code	3	
PDF report export (e.g., categories, tasks, audit trail)		0	

CAPTCHA / rate limiting / brute-force protection		0	
TOTP / 2FA		0	
XSS hardening (sanitization, CSP basics)		0	
Other relevant, well-integrated improvement (specify) not mentioned previously	QR code generation, specific for task, its use din backend>src>routes>tickets	4	
TOTAL (bonus)	7	**max 20**	

Final score summary