

Web Framework Development – Symfony IMPLEMENTATION – indicative marking								
STUDENT				F (< 35)	D (< 40)	C (< 55)	B (< 80)	A 80 ... 100
	Databases	Security	Use Cases for Case Study	Automated TESTING	Github	Advanced Features / Quality / UX		
A	<div>Project grade "A" = high quality B+C+D requirements + (A-1) site must be PUBLISHED with all use cases working (with live DB) (A-2) some form of CI/CD ideally plus: some advanced technical / case study feature(s)</div>			<div>(A-2) Some form of CI/CD demonstrated</div>	<div>(A-1) Published Working DB</div> <div><input type="checkbox"/> File upload / Logging / API</div> <div><input type="checkbox"/> 2-factor authentication</div> <div><input type="checkbox"/> and/or negotiate with Matt</div>			
B	<div><input type="checkbox"/> sophisticated use cases</div>			<div><input type="checkbox"/> Form-filling</div> <div><input type="checkbox"/> DB testing</div> <div><input type="checkbox"/> what users <u>cannot</u> do</div>	<div><input type="checkbox"/> Issues</div> <div><input type="checkbox"/> Branches</div> <div><input type="checkbox"/> Releases & Versions</div>	<div><input type="checkbox"/> tidy and professional looking</div> <div><input type="checkbox"/> easy to use</div> <div><input type="checkbox"/> consistent look and feel</div>		
C	<div><input type="checkbox"/> <u>every</u> entity multiple Fixtures</div> <div><input type="checkbox"/> fixtures for <u>related</u> entities</div>	<div><input type="checkbox"/> protected CRUD roles</div> <div><input type="checkbox"/> roles for CS actors</div>	<div><input type="checkbox"/> at least 3 non-ADMIN/USER roles</div> <div><input type="checkbox"/> good range of use cases</div> <div><input type="checkbox"/> user can CRUD related entities</div>	<div><input type="checkbox"/> Login test for ROLES</div> <div><input type="checkbox"/> meaningful use cases</div>	<div><input type="checkbox"/> commits over WEEKs</div> <div><input type="checkbox"/> useful commit messages</div>	<div><input type="checkbox"/> easy to use</div> <div><input type="checkbox"/> Navbar for logged in role</div>		
FAIL deal breakers	<div>no related entities</div> <div>little/few fixtures</div>	<div>simple CRUD</div> <div>no/few useful case study use cases</div>		<div>little / no automated testing</div>	<div><input type="checkbox"/> Project folder contents (not ZIP. no parent etc.)</div>			
core from provided starter project	<div>✓ CRUD Users</div> <div>✓ DBFixtures: User</div> <div>✓ Factory package</div>	<div>✓ ADMIN New Hashed Passwords</div> <div>✓ ADMIN User CRUD - Hashed Password</div> <div>✓ Log-in protect CS ROLE use cases</div> <div>✓ Fixtures Hashed Passwords</div>	<div>a starter Symfony project has been provided with basic security features for you - so no marks are awarded for feartures from the starter project ...</div>			<div><input type="checkbox"/> good naming for all classes/templates</div>		
COMMENTS							<div>Note: please take fixtures and testing seriously ! you MUST do more than create entities and generate CRUD your entities must be RELATED appropriately for your case study your project must allow user to complete <u>meaningful use cases</u></div>	