

Lektion 5

Continuous Integration (CI) och Continuous Delivery (CD)

Grupparbetet - Var är vi nu och ev. förändringar

Förnamn



Section		Group	S1	S2	S3	S4	S5
2. Setup	Clone the GitHub Classroom Group Project Repository	(individual)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Run the Project Locally (Without Docker)	(individual)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Run the Project Using Docker	(individual)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Understand the Code / Test API Endpoints	(individual)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Test API Endpoints	(individual)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Editor	I have configured an easy-to-use setup for formatting code using Python Black in my IDE/editor.	(individual)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	I have established an easy-to-use setup for linting code with Pylint in my IDE/editor, ensuring adherence to coding standards.	(individual)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Committer (User)	PR (Link)	Participated in PR or IRL discussion (User)	Participated in PR or IRL discussion (User)	Participated in PR or IRL discussion (User)	Participated in PR or IRL discussion (User)
4. Jenkins	Polls GitHub for changes and starts a build						
	Build Failure on Image Build Issues						
	Build Failure on Unaddressed Pylint Violations						
	Build fails if the built container cannot run						
	Pylint Error Reporting in Jenkins						
	The checks in Jenkins can be run "locally" using a simple (to invoke) script						
5. Unit tests	Jenkins Configuration in Repository (as much as possible)						
	Add Pylint so it runs as part of the Jenkins build job and fails if any test fails						
	Also add Pylint to the simple local way of running things						
6. DB	Migrate to use a MariaDB database container for persistence using the						
	SQLAlchemy library to interface with the database.						

Förnamn/Checkbox

6. GitHub Actions

GitHub-länk till PR

