

## Experiment No.1.7

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**Branch:** MCA–CCD

**Semester:** III

**Subject Name:** DevOps Process Automation Lab

**UID:** 22MCC20177

**Section/Group:** MCD-1/A

**Date of Performance:** 1<sup>st</sup> Nov 23

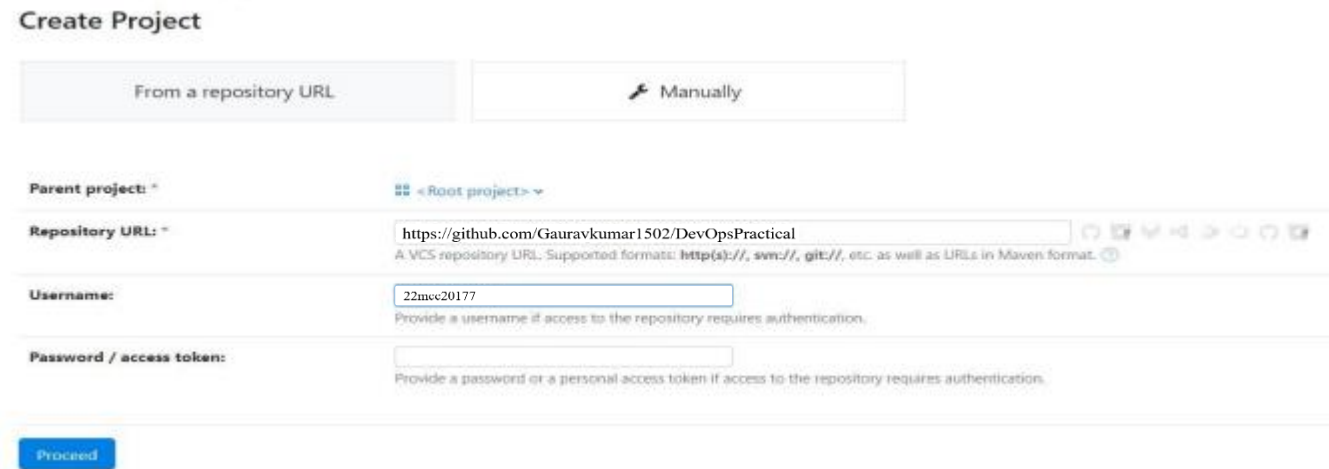
**Subject Code:** 22CAP-745

### 1. Aim/Overview of the practical:

- a) Create one project (Job) in TeamCity and run 8 Goals of Maven.

### 2. Steps for practical: (a)

**Step 1 :** Log into TeamCity and create a new Project.



The screenshot shows the 'Create Project' form in TeamCity. At the top, there are two tabs: 'From a repository URL' (selected) and 'Manually'. Below the tabs, the 'Parent project' is set to '<Root project>'. The 'Repository URL' is filled with 'https://github.com/Gauravkumar1502/DevOpsPractical'. Below this, the 'Username' is '22mcc20177' and the 'Password / access token' field is empty. A 'Proceed' button is at the bottom left.

**Step 2 :** Configure your version control settings based on your project's requirements (e.g., Git, SVN).

Administration / <Root project>

## Create Project From URL

✓ The connection to the VCS repository has been verified

Project name: *	<input type="text" value="SpringPetClinic1"/>
Build configuration name: *	<input type="text" value="Build"/>
VCS root:	(Git) <input type="text" value="https://github.com/Gauravkumar1502/DevOpsPractical"/>
Default branch: *	<input type="text" value="refs/heads/main"/> <small>The main branch or tag to be monitored</small>
Branch specification:	Edit branch specification: <input type="text" value="refs/heads/*"/> <small>Branches to monitor besides the default one as a newline-delimited set of rules in the form of + -:branch name with the optional * placeholder. Part matched by * (or part inside parentheses) will be shown as a build logical branch name.</small>

**Step 3 :** Inside the newly created project, click on the "Create build configuration" button. Give your build configuration a name and ID. Click on "configure build steps".

Administration / <Root project> / SpringPetClinic1

Run ... Actions ... Go to build con

### Build

General Settings

Version Control Settings

**Build Steps**

Triggers

Build Features

Suggestions

Show more >

Created seconds ago by manish  
(view history)

New project "SpringPetClinic1", build configuration "Build" and VCS root "https://github.com/manishthakur18/SpringPetClinic1#refs/heads/main" have been successfully created.

### Auto-detected Build Steps

Build steps and their settings are detected automatically by scanning VCS repository. You can configure build steps manually if auto-detect did not find relevant build steps.

Build Step	Parameters	Description
<input checked="" type="checkbox"/> Maven	Path to POM: pom.xml Goals: clean test	

Administration / <Root project> / SpringPetClinic1

### Build

General Settings

Version Control Settings

**Build Step: Maven**

Triggers

Build Features

Show more >

Last edited one minute ago by manish  
(view history)

View as code

### Build Step: Maven

Runs Maven builds [Change runner](#)

**Step name:**

Optional, specify to distinguish this build step from other steps.

**Execute step:**  [Add condition](#)

**Goals:**   
Space-separated goals to execute.

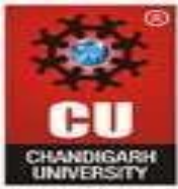
**Path to POM file:**  [File icon](#)  
The specified path should be relative to the checkout directory.

**Additional Maven command line parameters:**

**Working directory:**  [File icon](#)  
Optional, set if differs from the checkout directory.

**Maven Settings**

**Maven:**   
Check installed Maven versions in Maven Tool Configuration



**Step 4 :** After these steps click on save, then click on run.

Success

[master](#) [Actions](#) [Details](#)

**Overview** [Changes](#) [Build Log](#) [Artifacts](#) [Parameters](#) [PerfMon](#) [Maven Build Info](#)

**Time** 9 Oct 13:39 — 13:40 (41s) [Queue time 1s](#)

**Agent** LAPTOP-FJ8DS3D7 — Default pool [Open Terminal](#)

**Triggered** 9 Oct 13:39; you

Updating sources: auto check... Step 1/1: Build (Maven) 23s Publishing internal artifacts < 1s

Duration: 41s [Show full log](#) [Download log](#)