# 🎥 Video Demo Script – TCP Task Manager

## 1. Intro (10–15 sec)

Hi, my name is [Your Name], and this is the backend project for my bachelor’s thesis application. I chose to implement a custom TCP server that allows CRUD operations on two types of tasks: personal and professional.

## 2. Start the server (10 sec)

I’m now starting the TCP server, which listens on port 6000 and handles all task operations in memory.

## 3. Start the client (10 sec)

Next, I’ll start the TCP client, which provides a simple menu for creating, updating, viewing, and deleting tasks.

## 4. Create a personal task (30 sec)

I’ll first create a personal task. I enter the title, description, due date, and choose a status from a list — in this case, 'To Do'. The server responds that the task was successfully created.

## 5. Create a professional task (30 sec)

Now I’ll create a professional task, which has two extra fields: assigned person and department. Again, the server confirms the task was added.

## 6. View all tasks (15 sec)

Using option 3, I can view all the tasks saved in memory. The server lists both personal and professional tasks.

## 7. View by ID (10 sec)

Now I’ll check task ID 1 to see its details.

## 8. Update a task (30 sec)

I’ll now update the second task by changing its title and status. The server returns a success message.

## 9. Delete a task (15 sec)

Finally, I’ll delete the first task. If I try to delete it again, the server tells me the ID doesn’t exist.

## 10. Exit (5 sec)

And I can exit the client using option 7. The server remains active and ready for new connections.

## 11. Closing (10 sec)

This concludes my demonstration. I implemented this using Java, with a custom TCP protocol and in-memory task management. Thank you for watching!