

# BTRH Engineer Selections Task

In the email please add the below task along with this information:

- Your Name:
- Your Experience:
- Tools and languages: Your skills (must be specified)
- Your expected minimum salary:
- Can you join from tomorrow:
- Why you are in this industry:
- What is your aim in the next 3 years:
- For the project what do you think the deadline is how important for you and what are the dependencies you will encounter as a software engineer?

## **Task 1:** User Registration and Authentication\*\*

**\*Description:\*** Create a simple Laravel application that allows users to register, log in, and view a welcome page after logging in.

**\*Requirements:\*** 1. Create a registration page with fields for a user's name, email, and password. Implement validation to ensure unique email addresses and required fields. 2. Create a login page that allows registered users to log in using their email and password. 3. After successful login, users should be redirected to a welcome page that displays a personalized greeting with their name. 4. Implement user authentication and authorization to ensure that only logged-in users can access the welcome page.

**\*Bonus (optional):\*** Implement a "Remember Me" checkbox on the login page to provide the option for users to stay logged in.

**\*Submission:\*** Please provide the source code of your Laravel application along with any necessary setup instructions. This task is designed to assess the developer's familiarity with basic Laravel features like routing, controllers, views, and authentication. It should be achievable within an hour for an experienced Laravel developer.

**Task 2:** Suppose this is a basic workflow of a project management system in an IT Department of a Bank. Now draw a dataflow Diagram/ Workflow Diagram for the below structure:

