**Angular Developer Test: Basic Banking System**

**Objective:** Create a simple banking system application using Angular that includes basic features such as state management and responsiveness.

**Duration:** 1 hour

**Tasks:**

**1.Setup and Installation**

* Install Angular CLI globally and create a new Angular project.

**2.Layout Creation**

* Develop a header component with the title "Banking System" and a footer component with copyright information.
* Utilize Angular Material for styling.

**3.Model Creation**

* Develop a User model with properties: id, name, email, and accounts.
* Develop an Account model with properties: id, accountNumber, balance.

**4.Service Creation**

* Develop a UserService to manage users (add, delete, update, get).
* Develop an AccountService to manage accounts (add, delete, update, get).

**5.State Management**

* Implement NgRx or any other framwork for state management.
* Develop actions, reducers, effects, and selectors for User and Account.
  1. **Component Creation**
* Develop a UserList component to display all users.
* Develop a UserDetail component to display details of a selected user.
* Develop an AccountList component to display all accounts of a selected user.
* Develop an AccountDetail component to display details of a selected account.
  1. **Routing**
* Implement routing to navigate between UserList, UserDetail, AccountList, and AccountDetail.
  1. **Responsiveness**
* Implement Angular Flex Layout to make the application responsive.

**Evaluation:**

The test will be evaluated based on the following criteria:

* Correctness of the code.
* Use of Angular best practices.
* Code readability and organization.
* Completeness of the test.
* Passing of all unit and end-to-end tests.