

# Full Stack Development

## Lab Design 1

### Scoping the project

#### 1. Lab objectives

In a series of labs, you are going to design a bank account application just like the accounting app in the demo.

In this first lab, you are going to use some domain driven design to think about what the domain objects are that your app will have to deal with. For example, in the accounting app, we had report of various types.

There is no “right answer in the back of the book.” There are never any “right” answers when doing design; depending on your requirements, there are just more effective and less effective designs.

#### 2. Procedure

We are going to do this lab by brainstorming as a group. The sorts of questions that we need to answer are:

1. What are the domain objects that we need to consider? Do we have to worry about ATMs or tellers or customers for example?
2. What data and transactions should we be modeling?
3. What are the responsibilities that each of our components should manage?
4. What do we do about our bank account objects? Should they actually exist in our system? Or are they just abstractions that user interact with in the interface?

We don't want to jump to design too soon; instead, we want to start working on a domain model that will lead to a better and cleaner design.

The results of the brainstorming will be uploaded into the repository.

### End Lab