You are required to create an application to manage bank loans. The bank should receive funds from loan providers and be able to lend its customers within the limit of total funds. A user should be able to login to the system through a username and password. You have 3 user roles that you need to account for:

**Description:**

* **Loan Provider:** Should represent the total budget of the loans
* **Loan Customer:** Should represent the loan, loan’s term and the loan’s amount
* **The Bank Personnel:** Should define max and min amounts, interest rate, duration for each loan

**Endpoints:**

**Loan Providers:**

* View status of loan fund applications.

**Loan Customers:**

* View status of loan applications.
* Make payments for his loans

**The Bank Personnel:**

* View applications from loan providers and customers and be able to above.
* The system should always make sure that the total loans should not exceed the total funds.

This has to be done in Django; create an api using Django Rest Framework and a user interface using react.js.

**What we want to measure:**

* How will you deal with financial data? (calculation and presentation)
* Many details are left to see what will be your judgment on them:) nasty incomplete requirement stuff :)

**Note: the requirements provided are intentionally high-level and a bit vague. You are required to draw some assumptions for anything that is not stated above and you need to be able to build the application.**