Design Documentation (OpenID Connect Doctor)

Architecture

The OpenID Connect Doctor consists out of a frontend and a backend. The frontend consits out of multiple views, which are shown to the users. Each view represents one part of the frontend and commuicates with one module in the backend. The backend of the application consits out of mutliple modules, which provide the logic for the application. Every module is stored in a separated folder and consits of some or all of the following components.

- Service containing the logic. (naming-convention: *.service.ts)

- Spec containing the unit test. (naming-convention: *.spec.ts)

- Controller handling the comunication with the frontend, handling user-input and controlling what is displayed to the user. (naming-convention: *.module.ts)

- Data Tranfer Objects used to transfer data between the frontend and the backend. (*.dto.ts)

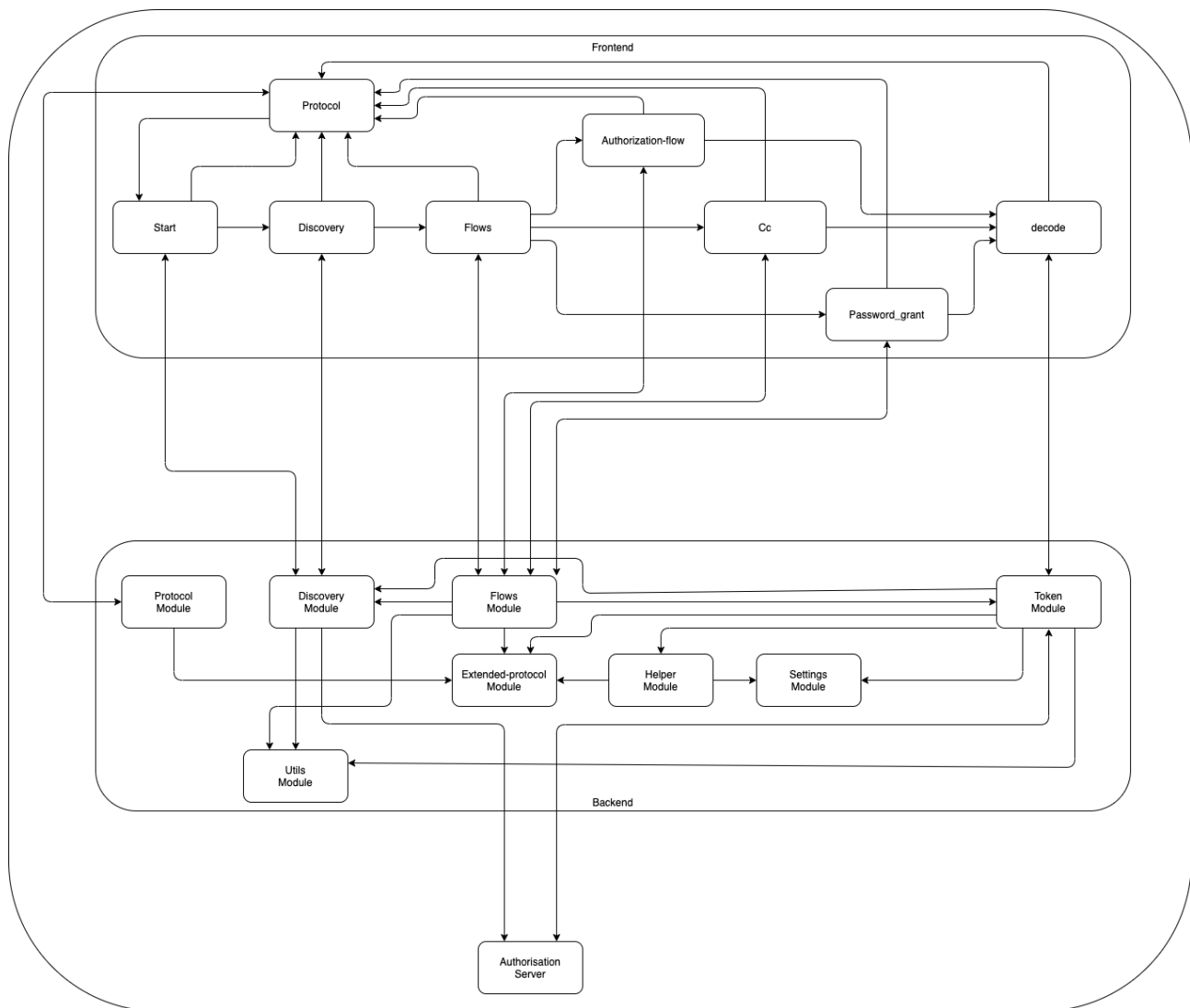The diagram below displays the general structure of the OpenID Connect Doctor.

Figure 1: OpenID Connect Doctor Desgin