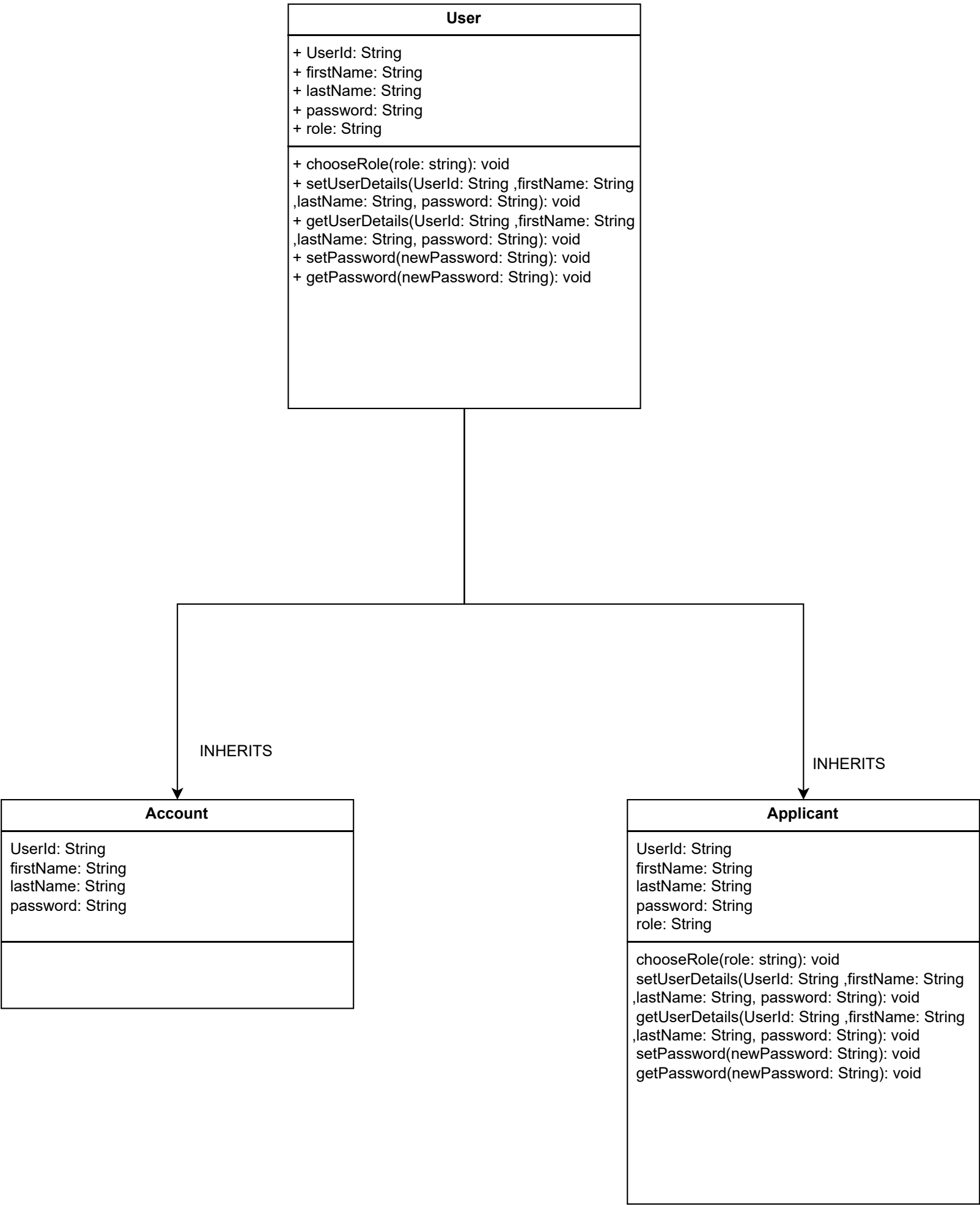class diagram for the user story

as an applicant i can create an account by inputting my first name, last name email address and choosing my role as an applicant and my password

**User**

+ UserId: String
+ firstName: String
+ lastName: String
+ password: String
+ role: String

+ chooseRole(role: string): void
+ setUserDetails(UserId: String ,firstName: String
,lastName: String, password: String): void
+ getUserDetails(UserId: String ,firstName: String
,lastName: String, password: String): void
+ setPassword(newPassword: String): void
+ getPassword(newPassword: String): void

INHERITS

INHERITS

**Account**

UserId: String
firstName: String
lastName: String
password: String

**Applicant**

UserId: String
firstName: String
lastName: String
password: String
role: String

chooseRole(role: string): void
setUserDetails(UserId: String ,firstName: String
,lastName: String, password: String): void
getUserDetails(UserId: String ,firstName: String
,lastName: String, password: String): void
setPassword(newPassword: String): void
getPassword(newPassword: String): void

# deployement diagram



**<<device>>**
**client pc**

Web browser

**Database Server Node**

MySQL
azure

**Http requast**

**Connection**

**user authentication**

**Connection**

Identity Provider

OAuth 2.0

system
processing

clicks register

redirects to registration page

inputs firstname, lastname,email, choses role, password,

setUserDetails(UserId:
String ,firstName:
String ,lastName:
String, password:
String):

redirects to log in page

**Use case shapes**

Actor

Use Case

Use Case

Use Case

Use Case

Funding Opportunity Platform

Create Account:

<<include>>

register user

IDENTITY PROVIDER

Applicant