Person Class

-firstName
-lastName

+Person()
+Person(Sting,String)
+getFristName()
+getLastName()
+setLastName(String)
+setFirstName(String)

Extends

User Class

-emailAddress
-password
-role

+User(String,String,String,String)
+User()
+toStudent()
+toTutor()
+toAdministrator()
+getEmailAdress()
+setEmailAdress(String)
+getPassword()
+setPassword(String)
+getRole()
+setRole(String)

MainActivity

+onCreate(Bundle)

LoginActivity

-btnLoginLoginPage
-dataToCheck

+onCreate(Bundle)

Student

-creditCard
-address

+Student(String,String,String,String)
+Student(String,String,String,String,CreditCard,Address)
+getCreditCard()
+setCreditCard(creditCard)
+getAddress()
+setAddress(Address)

Administration

+Administration()
+Administration(String,String,String,String)

Tutor

+Tutor(String,String,String,String)

+Tutor(String, String, String, String, String, String)

Address

-streetNumber
-streetName
-postalCode

+address()
+address(int,String,String)
+getPostalCode()
+setPostalCode(String)
+getStreetNumber()

CreditCard

-cardHolder
-cardNumber
-vaildTill
-securityCode

+CreditCard()
+CreditCard(String,int,int,int)
+getCardHolder()
+setCardHolder(String)

WelcomeActivity

-logout

+onCreate(Bundle)

1   Text

1

0

SignupActivity

-user: User
-firstName: EditText
-firstNameString:String
-lastNameString: String
-emailAddressString: String
-passwordString: String
-verifypasswordString: String
-lastName: String
-emailAddress: EditText
-password: EditText
-verifyPassword: String
-rolePicker: Spinner
-btnSignup2:Button
-dataToCheck: DatabaseReference
-REQUEST_CODE_STUDENT: int
-REQUEST_CODE_TUTOR: int
-role: String

#onCreate(Bundle): void
-getStudentInfo(Bundle): void
-addToDatabase(User): void
-intentUnpackerStudent(Intent): void
-intentUnpackerTutor(Intent): void

1   1   1

tring,

1*   1*

StudentInfoActivity

-cardHolder
-cardNumber
-validTill
-securityCode
-streetNumber
-streetName
-postalCode
-btnProceed: Button
-student: Student

+onCreate(Bundle):void
+intentPacker(Intent)

TutorInfoActivity

+native_languages
+short_description
-buttonTutor: Button
 +tutor: Tutor
-education_options: Spinner

onCreate(Bundle): void
+intentPacker(Intent): Intent

+setStreetNumber(int)
+getStreetName()
+setStreetName(String)

+getCardNumber()
+setCardNumber(int)
+getVaildTill()
+setVaildTill(int)
+getSecurityCode()
+setSecurityCode(int)

+setStreetNumber(int)
+getStreetName()
+setStreetName(String)

+getCardNumber()
+setCardNumber(int)
+getVaildTill()
+setVaildTill(int)
+getSecurityCode()
+setSecurityCode(int)