Sign up

User → Application: open "sign up" page
Application ⇢ User: display "sign up" page
User → Application: insert email and password
Application → Database: check credentials
Database ⇢ Application: send result
Application ⇢ User: send verification email
User → User: open inbox
User → Application: send confirmation
Application → Database: save credentials
Database ⇢ Application
Application ⇢ User: display "home" page

invalid email

Application → User: display "invalid email" error

user already registered

Database ⇢ Application: send error
Application → User: display "already registered" error