Secure Bank Pilot Project- Secure Software Engineering

# Secure Coding – Project Cover

Contents

[Secure Coding – Project Cover 1](#_Toc418468430)

[1. Login/Logout 1](#_Toc418468431)

[2. Password - MD5 1](#_Toc418468432)

[3. Session Invalidate - 5 min 1](#_Toc418468433)

[4. Fund Transfer 1](#_Toc418468434)

[5. OTP - Password Reset – Email Generation 1](#_Toc418468435)

[6. Secure Questions 1](#_Toc418468436)

[7. Models 1](#_Toc418468437)

[8. DB Design 1](#_Toc418468438)

# Login/Logout

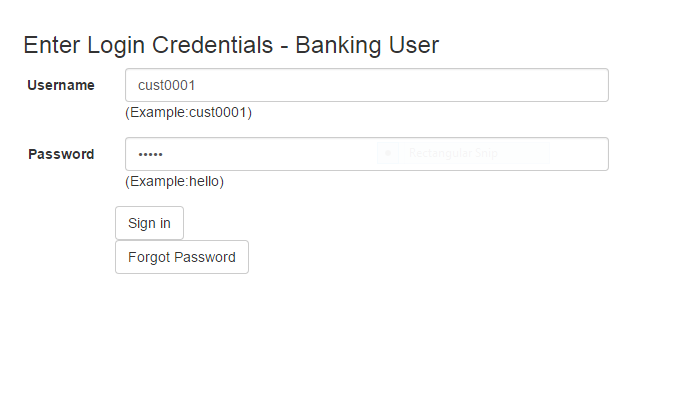


Figure 1: Account Login Page (LoginPage.xhtml)

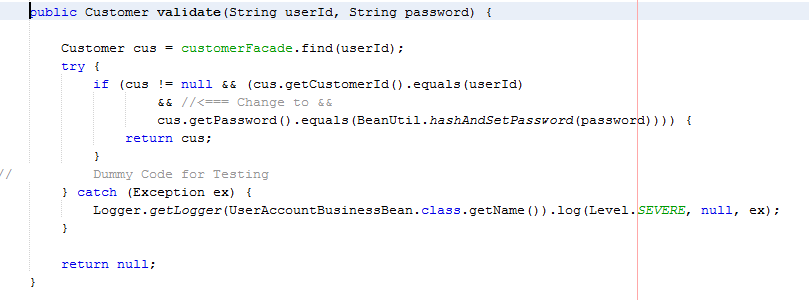
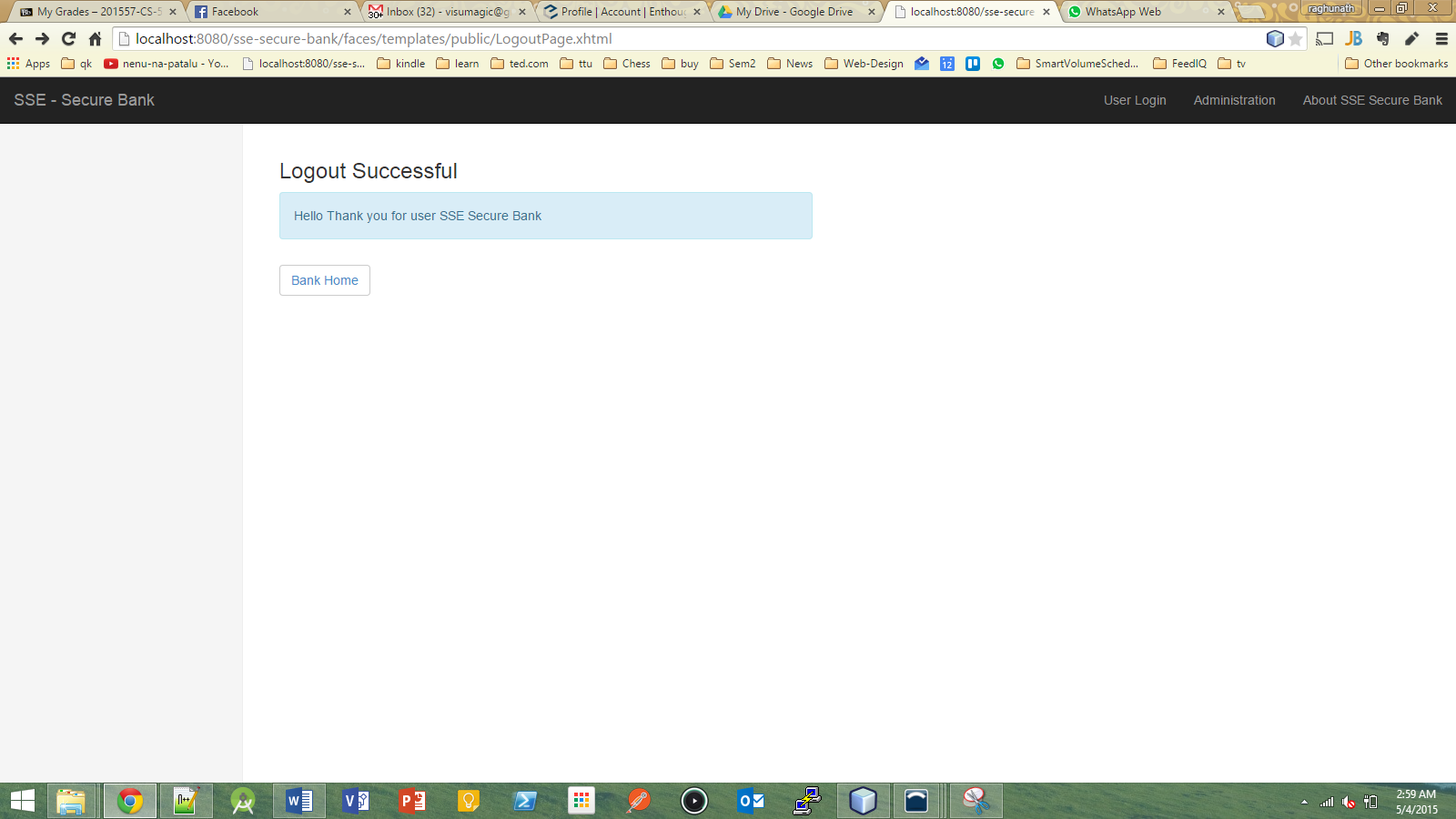
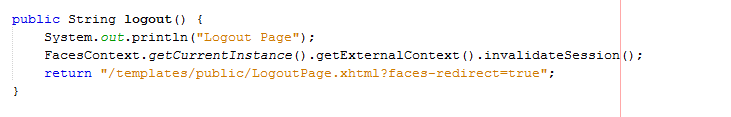


Figure 2: Validate User Credentials - UserAccountBusinessBean.java





# Password - MD5

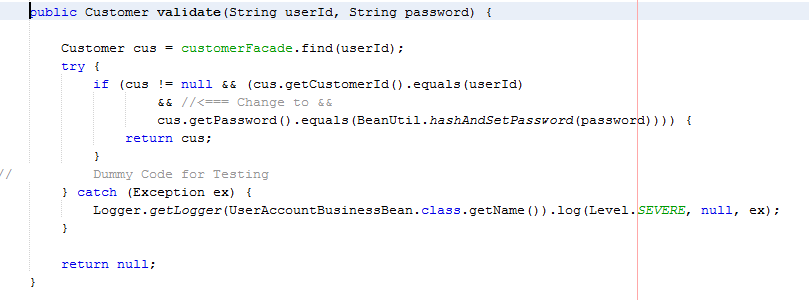


Figure 3: Validate User Credentials - UserAccountBusinessBean.java

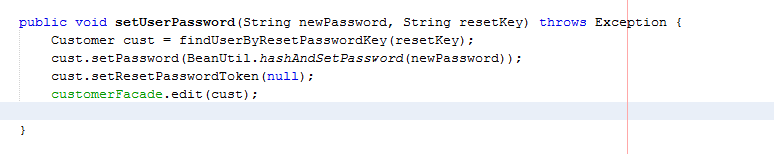


Figure 4:Set Md5 Password Logic - ResetPasswordUIBean.java

# 3. Session Invalidate - 5 min (Configurable)

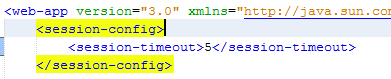
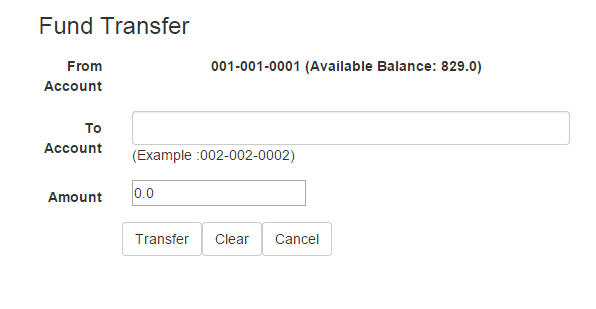
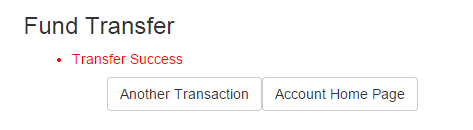
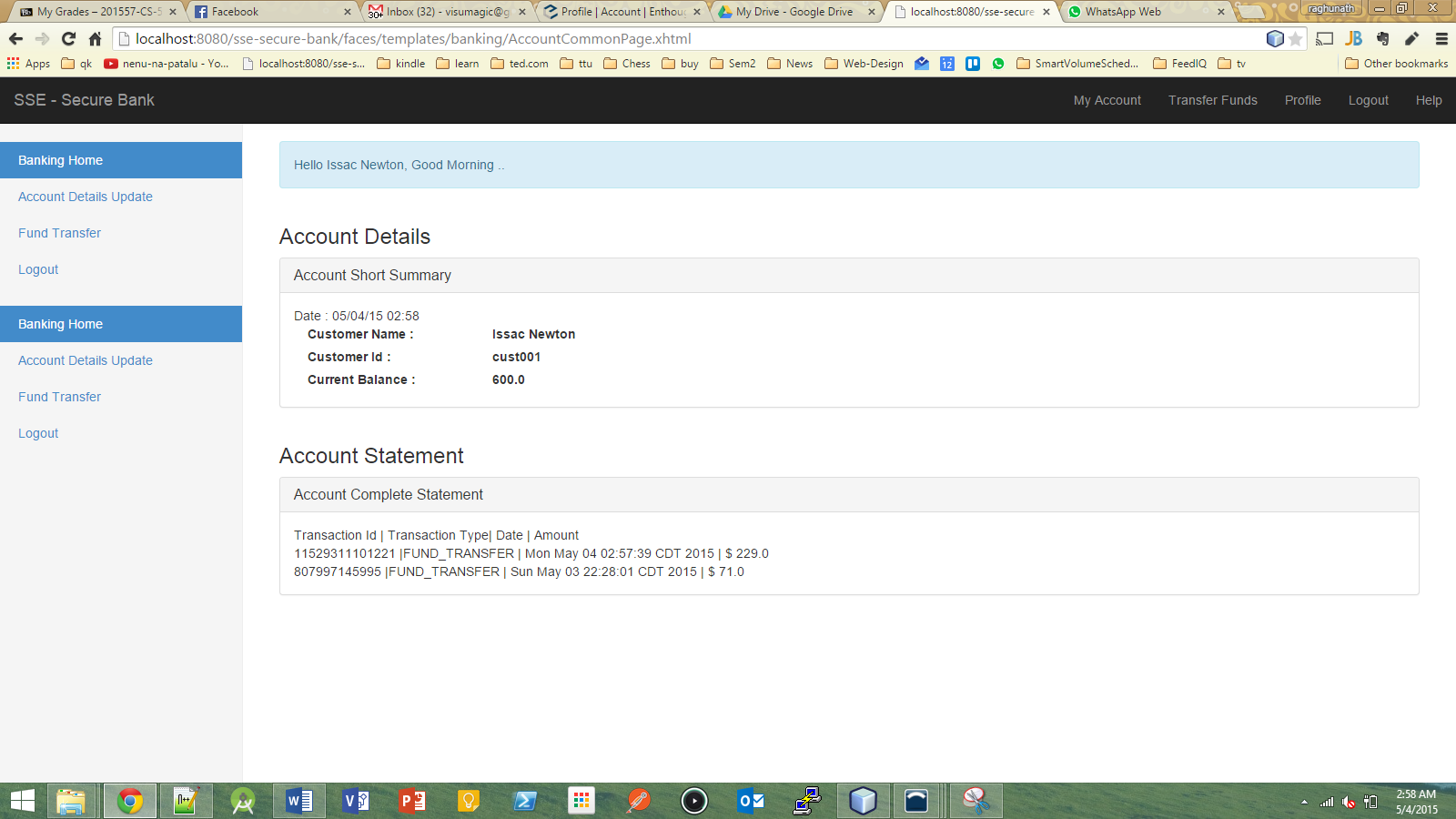


Figure 5: web.xml

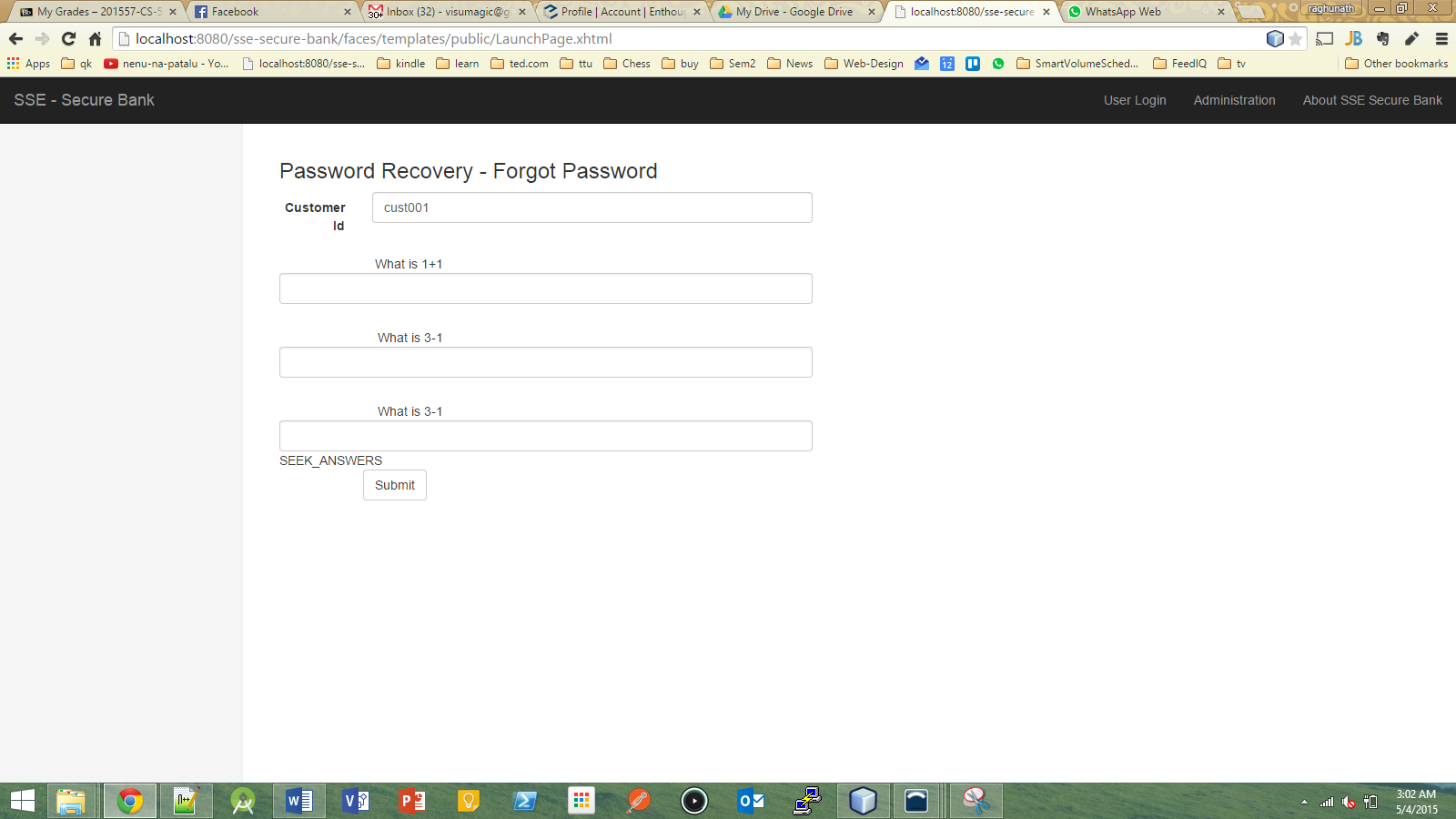
# Fund Transfer

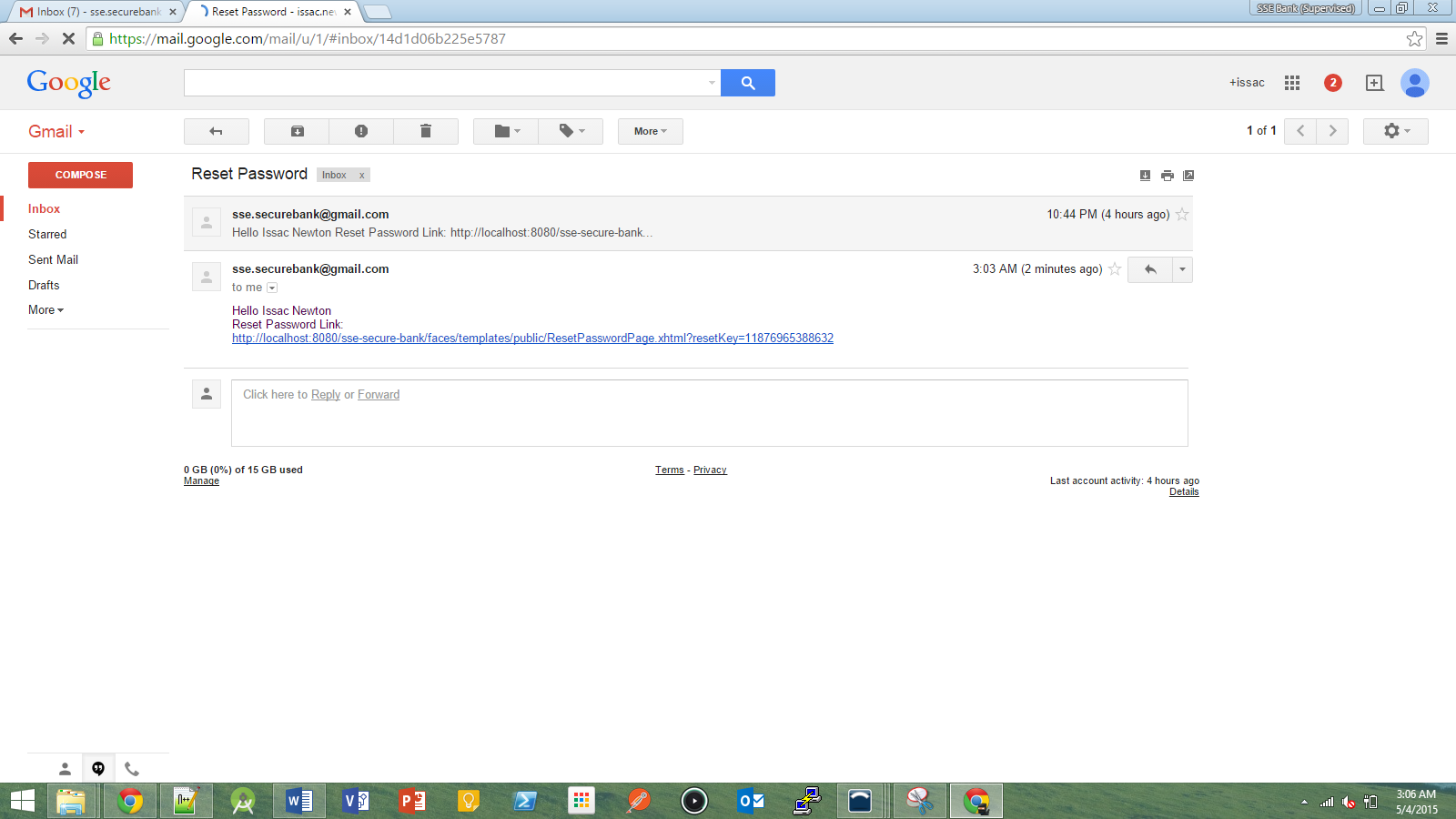


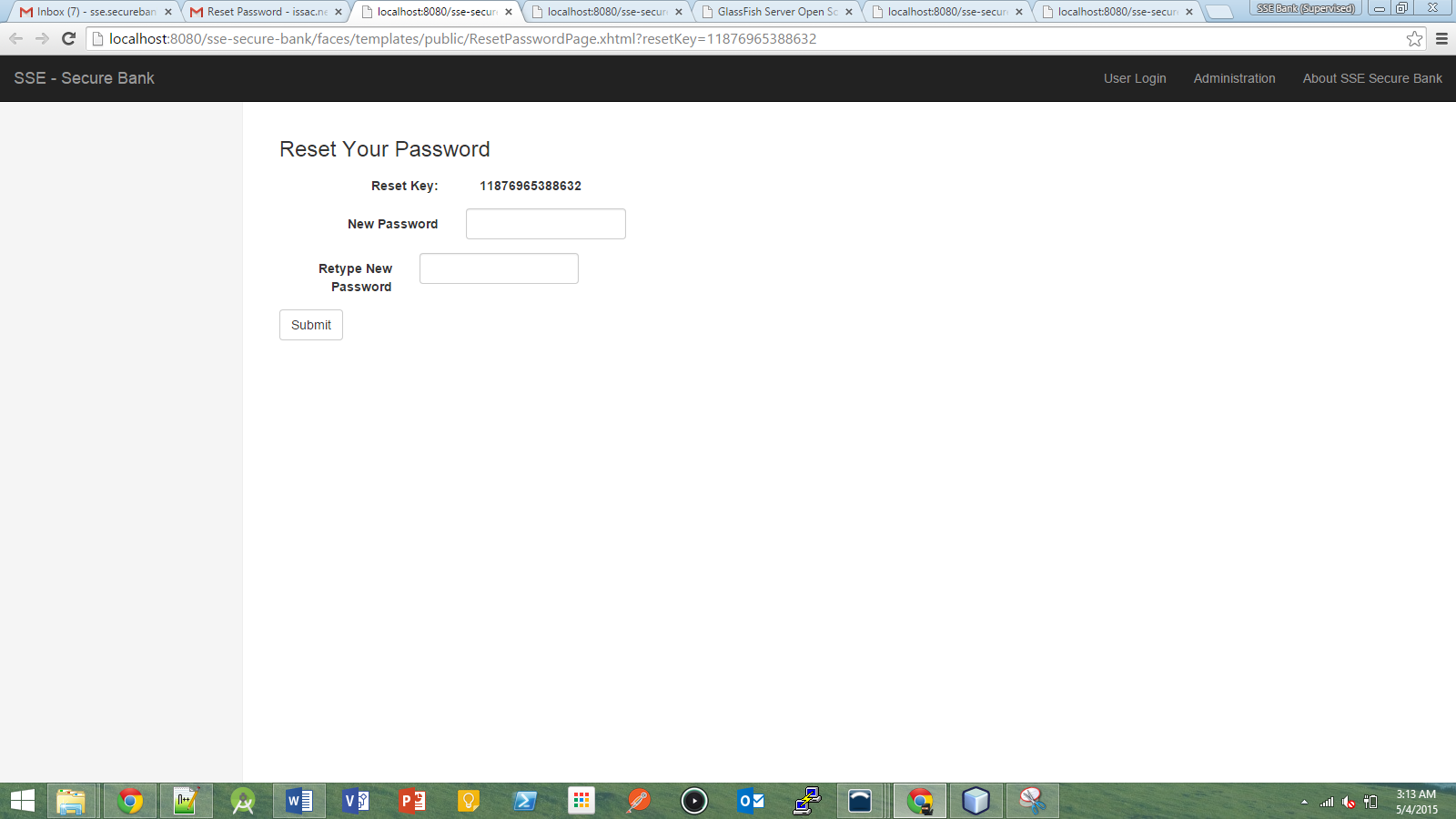


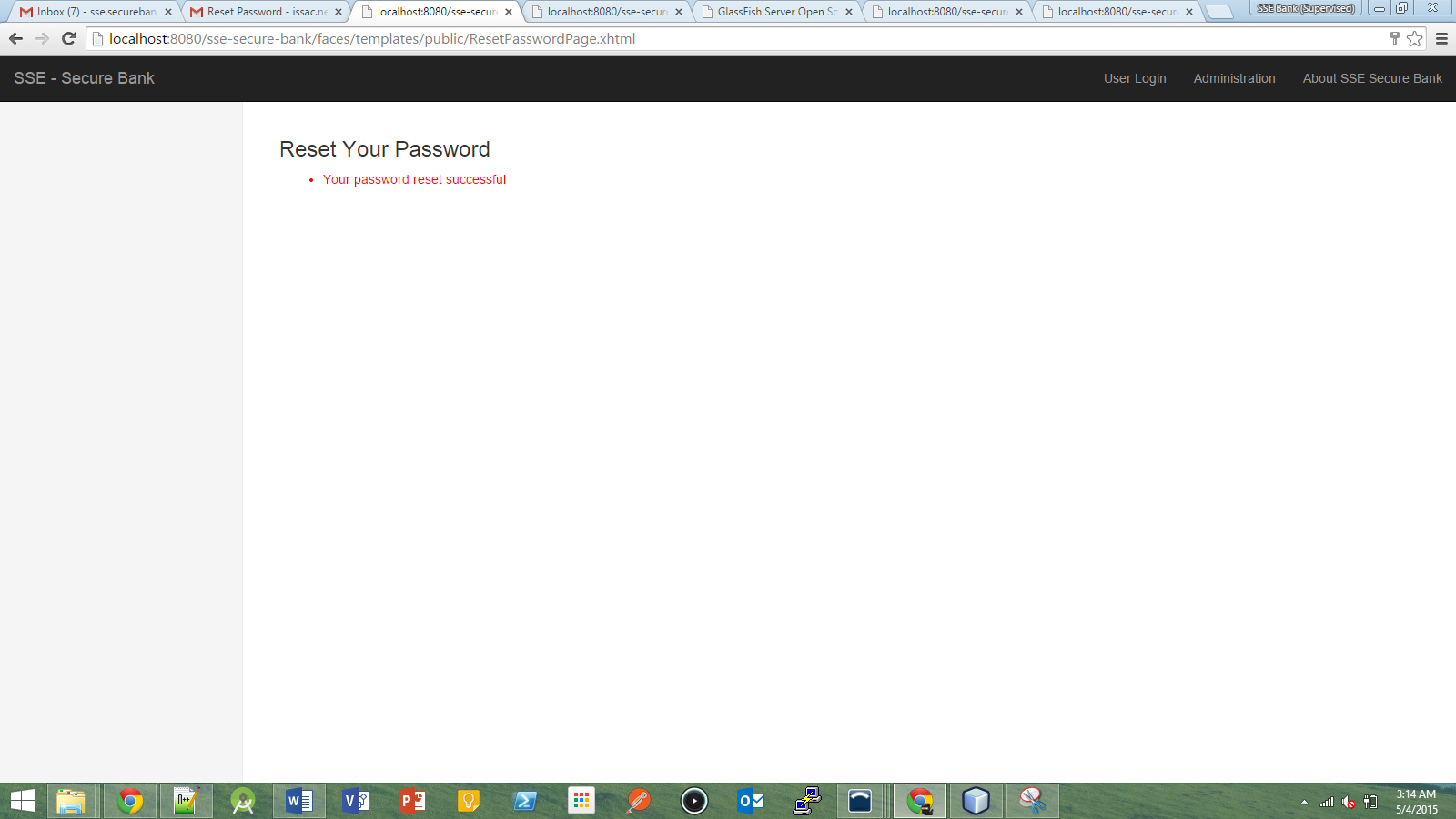


# OTP - Password Reset – Email Generation

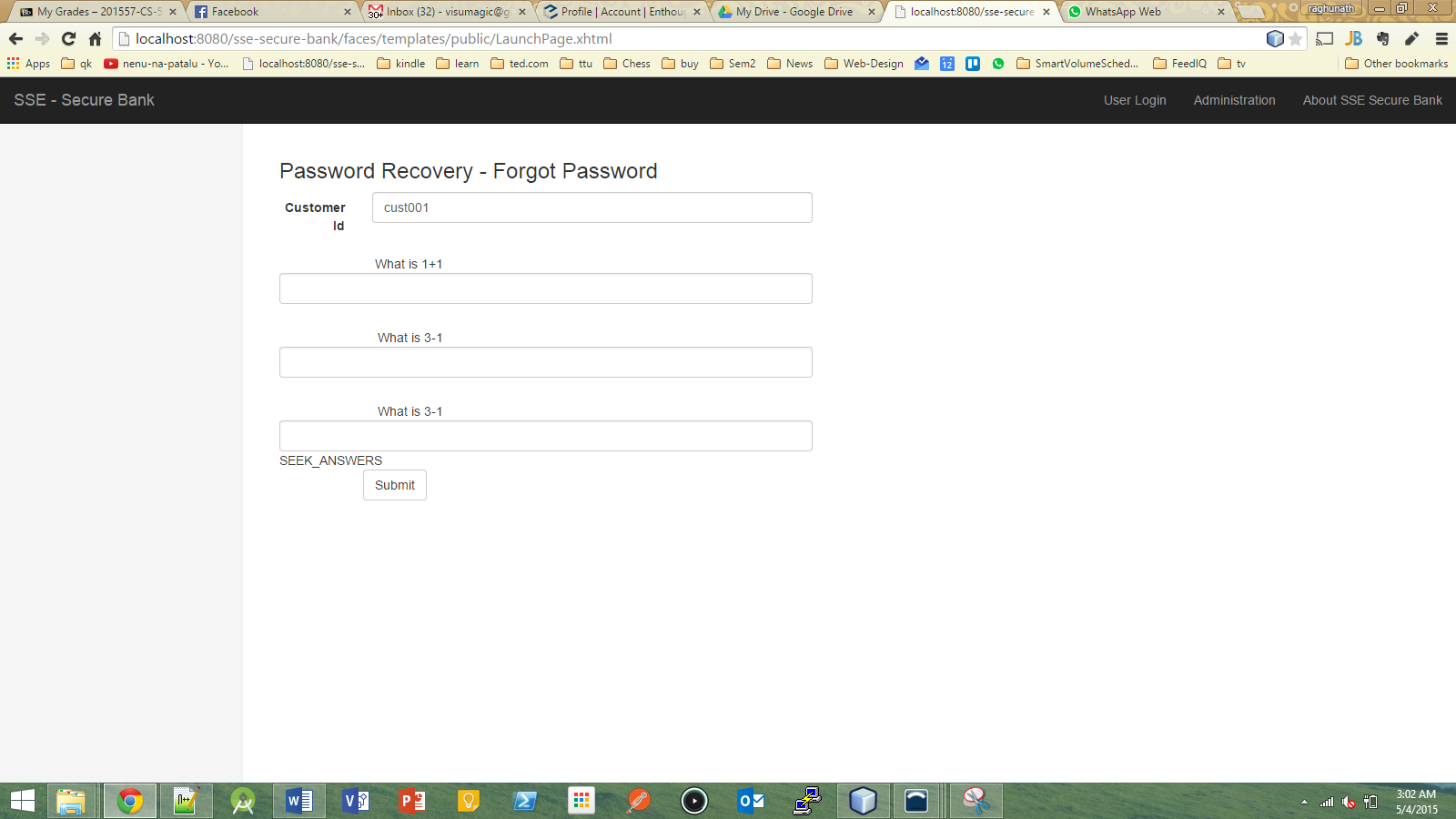




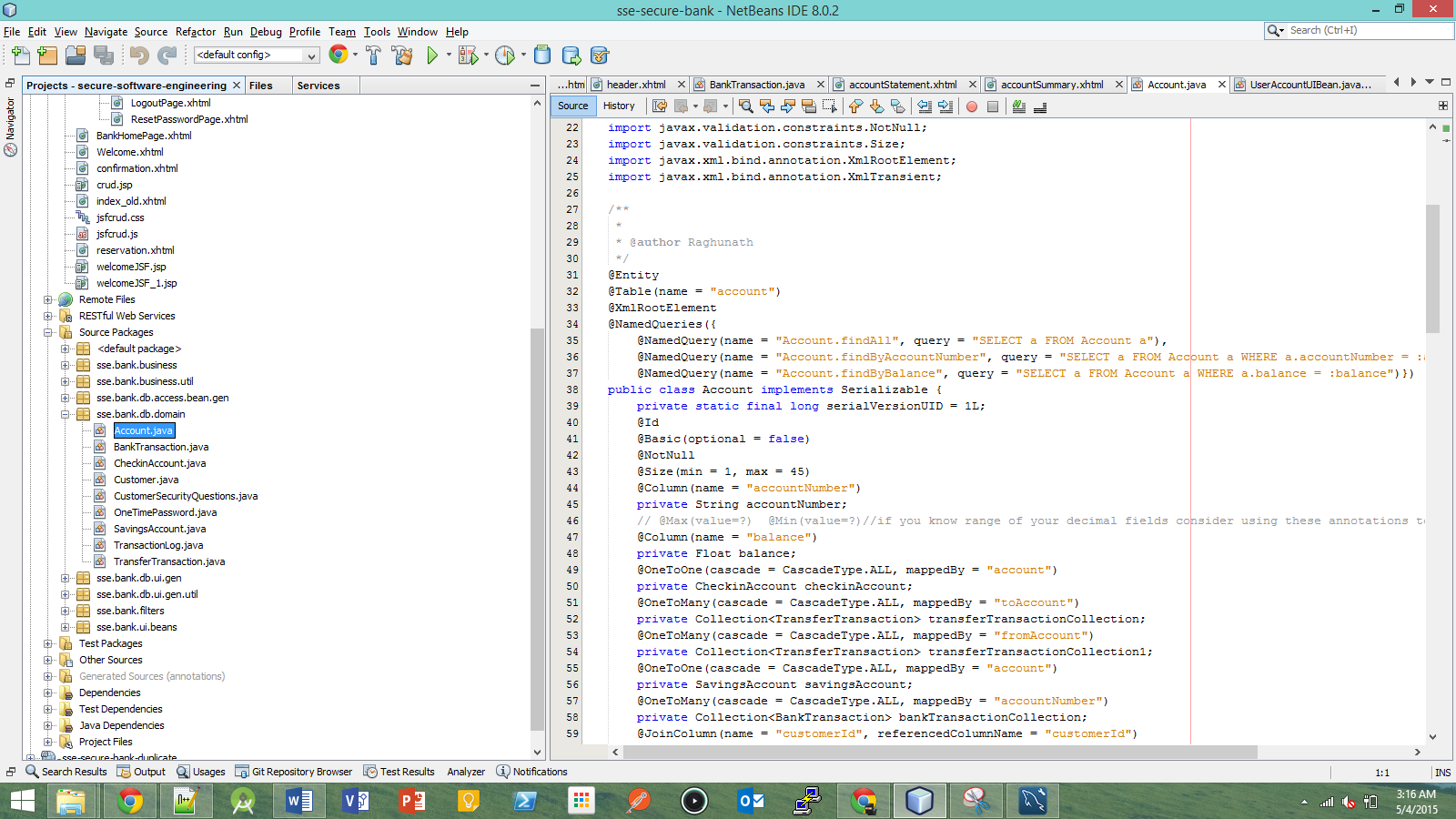




# Secure Questions



# Models



# 8. DB Design

