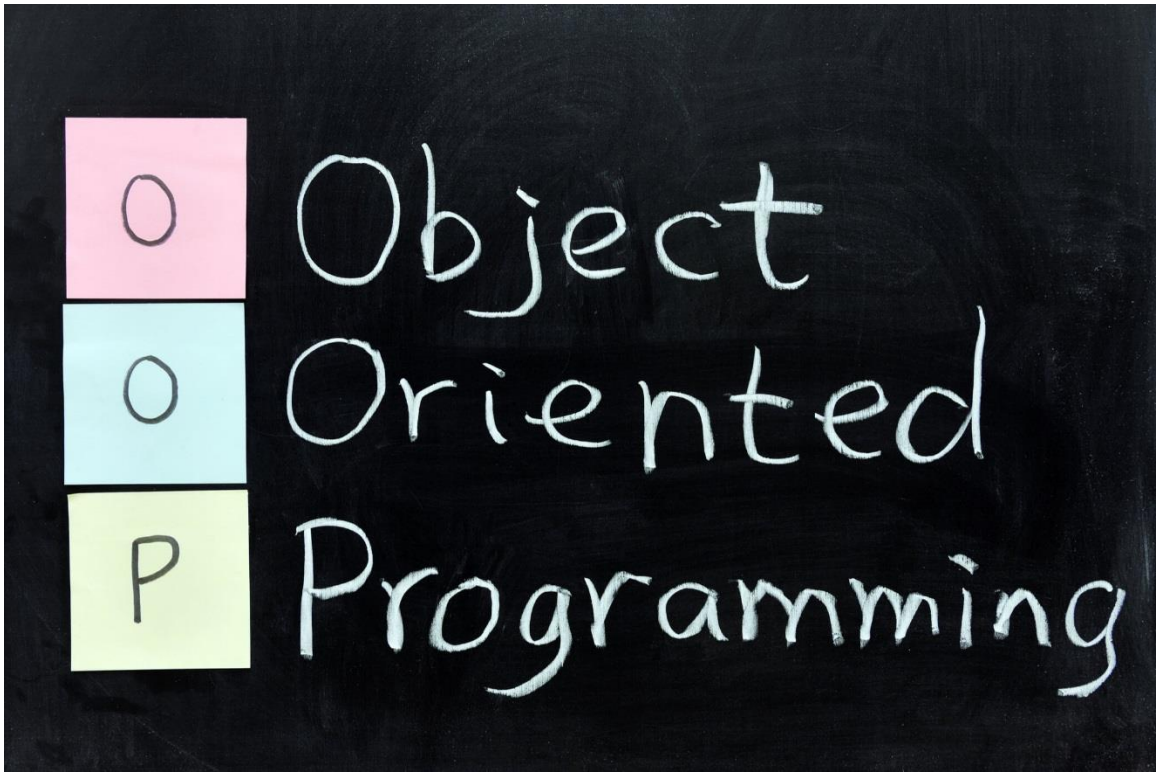

Bug Tracking System

OOP PROJECT

Dr/Bathant Hegazy

Go33 -The Five

G033 -The Five

The team members' info:

Faculty of Computing and Information, Ain Shams University

Second Year, General.

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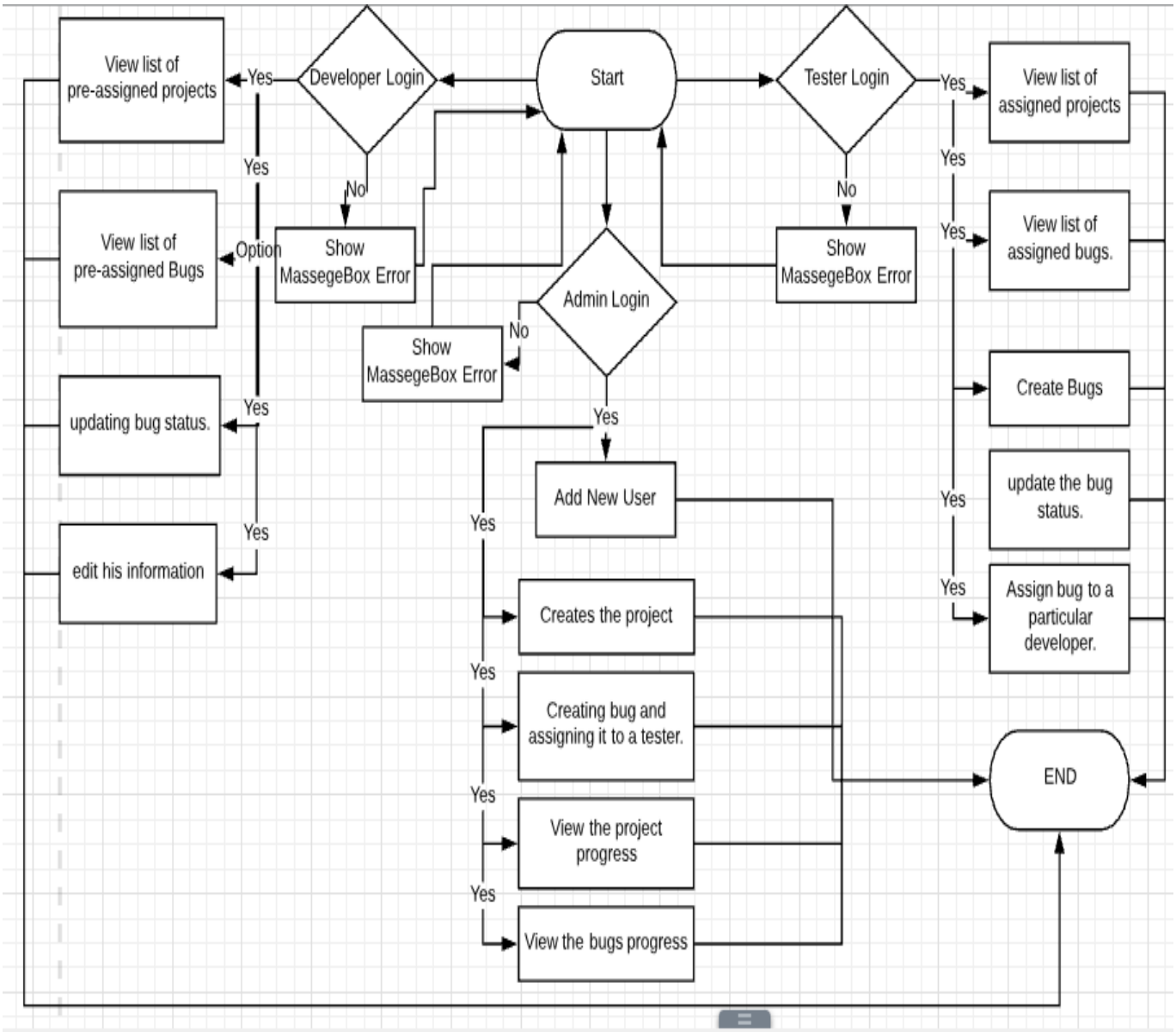
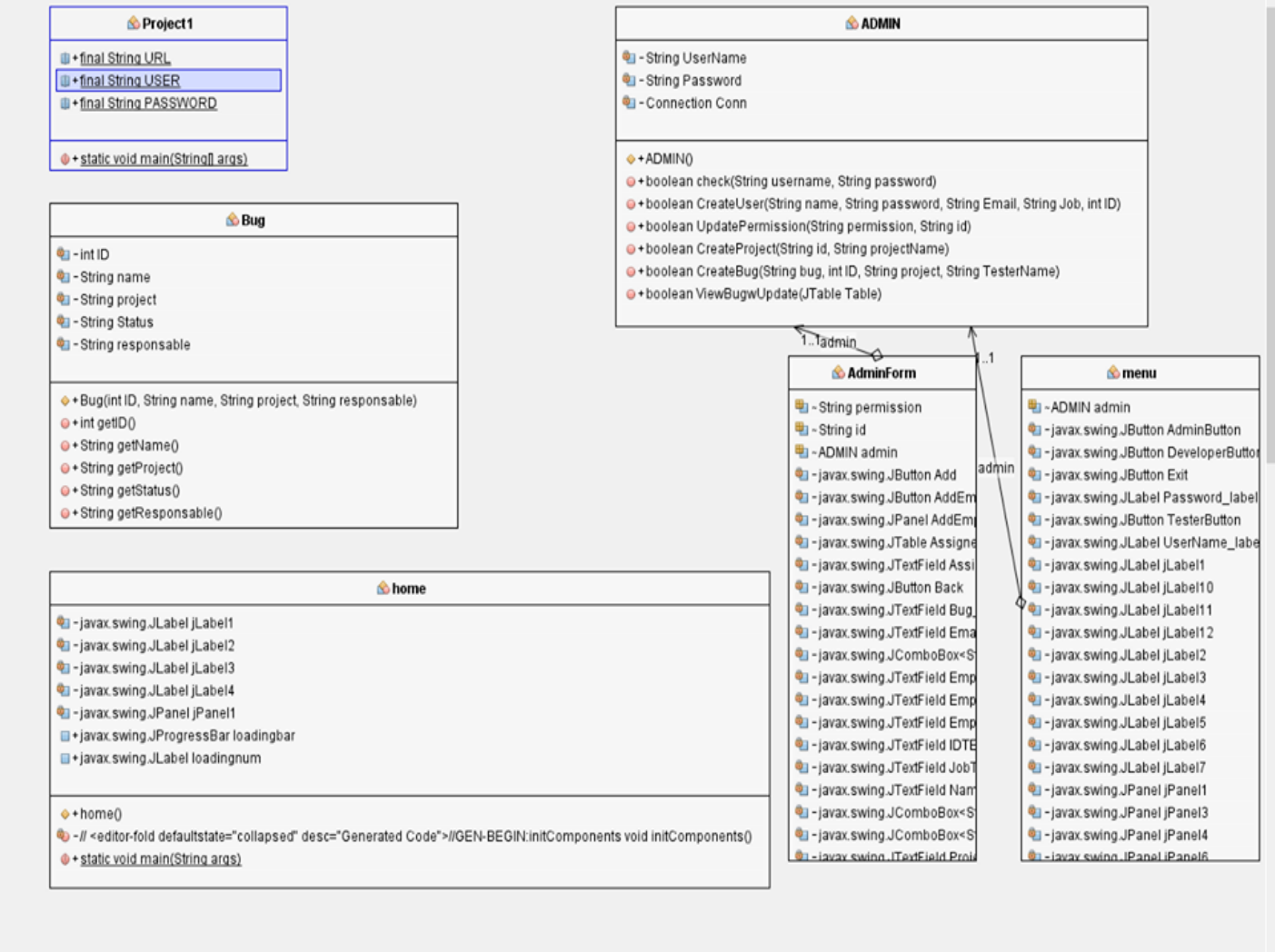
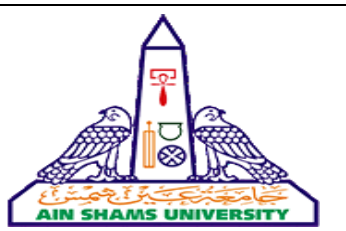
- **2017170413, Mahmoud Wael Mohamed El Sayed, Section: 1**
- **2017170560, Ahmed Essam sayed, section: 2**
- **2017170399, Mahmoud Salah Abdel Zaher Ali, Section: 15**

A flowchart of my logic.



A UML class diagram for the project, part 1





A UML class diagram for the project, part 2

Tester

- +Tester()
- +boolean Check(user tester, String username, String Password)
- +boolean CreateBug(String name, int id, String project)
- +boolean UpdateBug(String status, String Bug_ID)
- +boolean AssignBug(String DEVName, String BUGName)
- +String getUsername()
- +String getPassword()
- +String getEmail()
- +String getId()
- +String getProject()
- +void setUsername(String username)
- +void setPassword(String password)
- +void setEmail(String Email)
- +void setId(String id)
- +void setProject(String project)
- +void setPermission(String permission)
- +String getPermission()

<<abstract>>
user

- #String username
- #String password
- #String Email
- #String id
- #String project
- #String permission

- +user()
- +String getUsername()
- +String getPassword()
- +String getEmail()
- +String getId()
- +String getProject()
- +String getPermission()
- +boolean Check(user user, String username, String password)
- +void setUsername(String username)
- +void setPassword(String password)
- +void setEmail(String Email)
- +void setId(String id)
- +void setProject(String project)
- +void setPermission(String permission)

Developer

- +Developer()
- +boolean Check(user developer, String username, String Password)
- +void setPermission(String permission)
- +String getPermission()
- +boolean ResetData(String username, String password, String Email, String i
- +void setProject(String project)
- +String getProject()
- +boolean UpdateBug(String Bug_ID, String status)
- +void setId(String id)
- +String getId()
- +String getEmail()
- +void setEmail(String Email)
- +void setUsername(String username)
- +void setPassword(String password)
- +String getUsername()
- +String getPassword()

TesterForm

- -String status
- -Tester newTester
- -String testerName
- -javax.swing.JTextField BugIDTEXT
- -javax.swing.JTextField BugNameTEXT
- -javax.swing.JTextField Bug_id
- -javax.swing.JTable UpdateBug
- -javax.swing.JTable ViewBug
- -javax.swing.JButton bassingtobtn
- -javax.swing.JPanel bassingtopanel
- -javax.swing.JTextField bug_Name
- -javax.swing.JPanel cardpanels
- -javax.swing.JButton createBUG
- -javax.swing.JButton createbugbtn
- -javax.swing.JPanel createbugspanel
- -javax.swing.JButton jButton1
- -javax.swing.JButton jButton2
- -javax.swing.JButton jButton3
- -javax.swing.JButton jButton4

DeveloperForm

- -String Bug_ID
- -String DevloperName
- -String DeveloperPassword
- -String DeveloperEmail
- -String DeveloperId
- -String DeveloperProject
- -String Email
- -String id
- -Developer ND
- -javax.swing.JButton Back
- -javax.swing.JTextField BugIDTEXT
- -javax.swing.JTextField BugNameTEXT
- -javax.swing.JTable Bugs
- -javax.swing.JTextField EamilReset
- -javax.swing.JTextField Password
- -javax.swing.JComboBox<String> StatusComboBox
- -javax.swing.JTable UpdateBug
- -javax.swing.JTextField UserName
- -javax.swing.JPanel cardpanels
- -javax.swing.JButton jButton1