Assignment Management System

Component Level Design-SE606

Presented by:

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Presented to:

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Date: 04.10.2018

Class Elaboration:

Authentication:

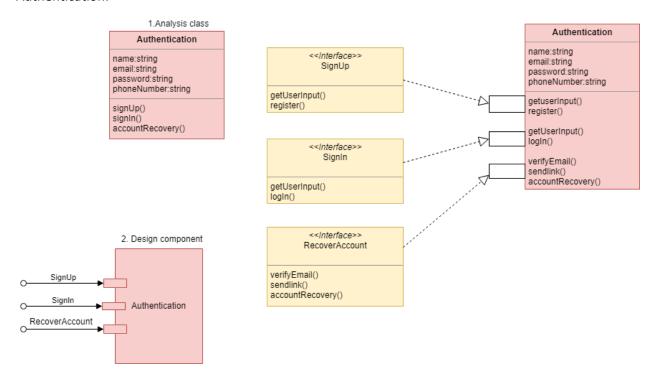


Figure 1: Elaboration of class Authentication

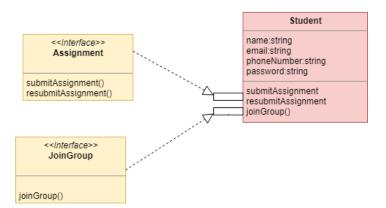
1.analysis class Instructor name:string email:string phoneNumber: string password:string 3. Elaborate class Instructor createGoup() createAssignment() checkplagiarism() name firstName:string lastNmae:string email:string password:string phoneNumber:string createGroup() updateGroup() removeGroup() createAssignment() createAnnouncement() fileUpload() edit() delete() distributeMark() checkplagiarism() N <</nterface>> GroupMangement createGroup() updateGroup() removeGroup() Designcomponent <<Interface>> ManageAssignment GroupManagement createAssignment() createAnnouncement() edit() fileupload() Instructor ManageAssignment delete() distributeMark() checkPlagiarism()

Figure 2: Class elaboration of Instructor

1. Analysis class

Student name:string email:string phoneNumber:string password:string submitAssignment joinGroup()

3. Elaborate class



2. Design component

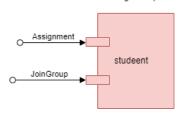


Figure 3: Class elaboration of Student

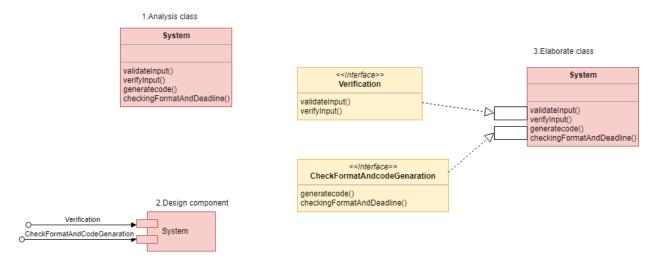


Figure 4: Class elaboration of System

Collaboration Details:

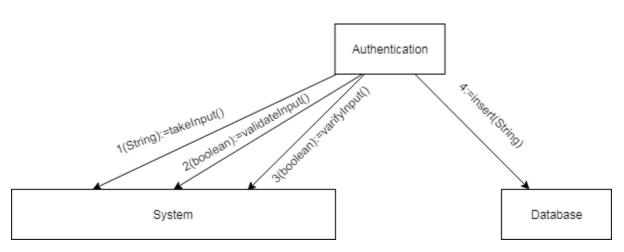


Figure 5: Collaboration of Authentication class

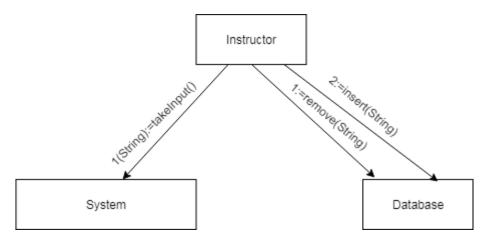


Figure 6: Collaboration of Instructor class

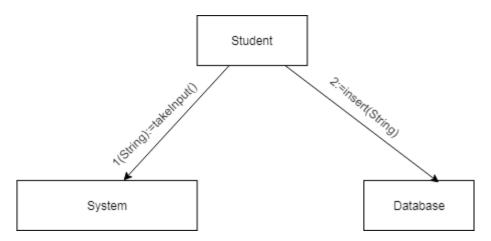


Figure 7: Collaboration of Student class

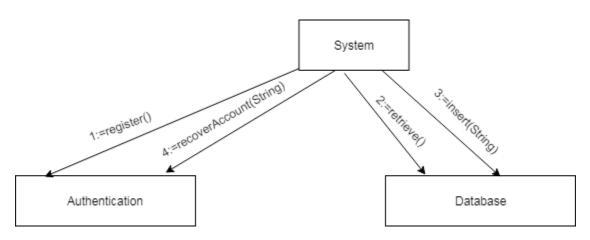


Figure 8: Collaboration of System class

Processing Flow: Data input trial<=5 Retry trial>5 invalid valid Account recovery Sign in successful Signout

Figure 9: processing flow of Sign in

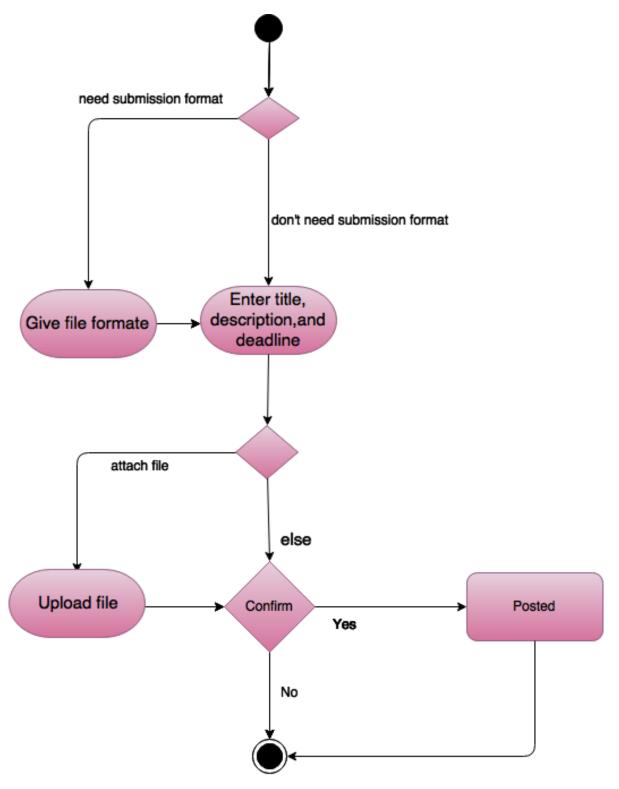


Figure 10: Processing flow of Post assignment

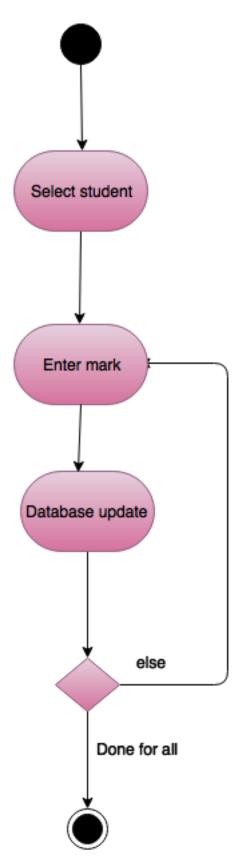


Figure 11: Processing flow of Mark distribution

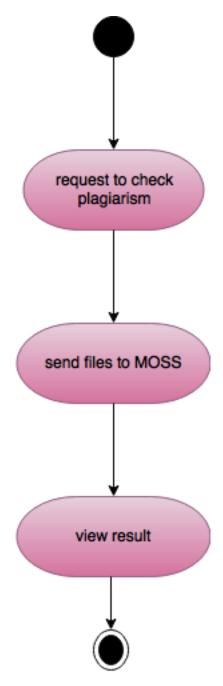


Figure 12: Processing flow of check plagiarism

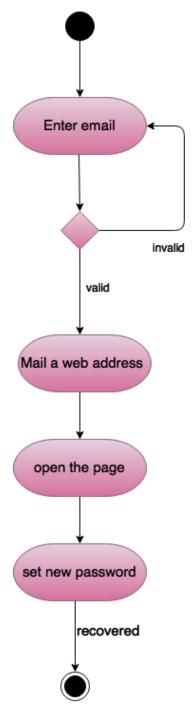


Figure 13: Processing flow of Account recovery

Elaboration of Behavior:

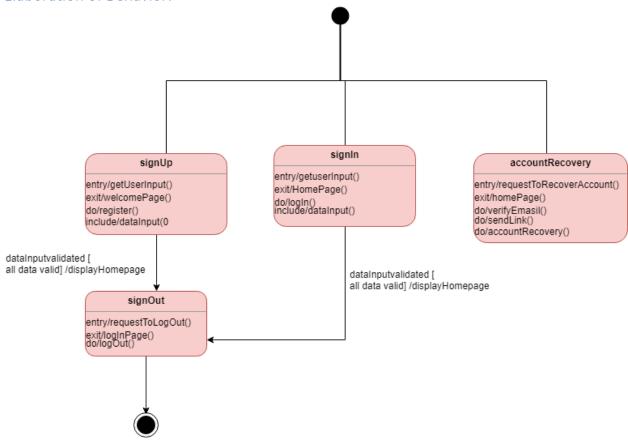


Figure 14: Elaboration behavior of Authentication

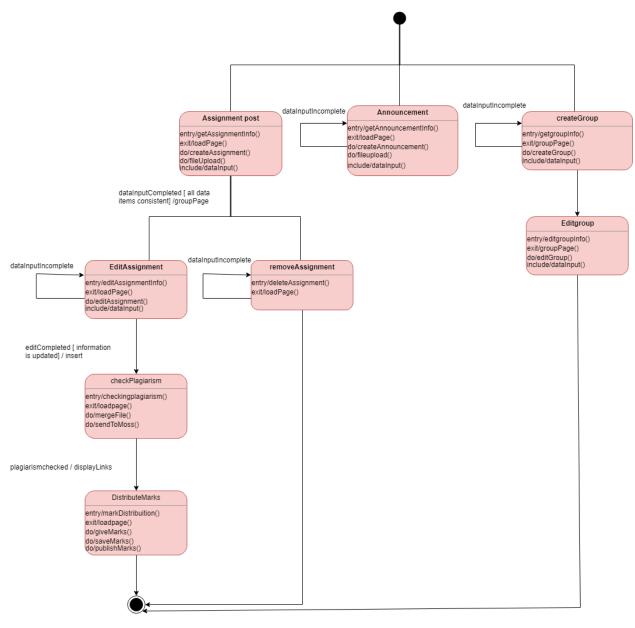


Figure 15: Elaboration behavior of class Instructor

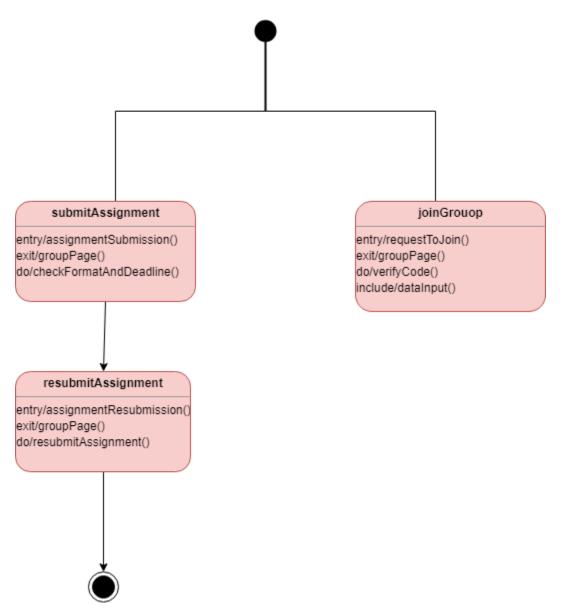


Figure 16: Elaboration behavior of class Student

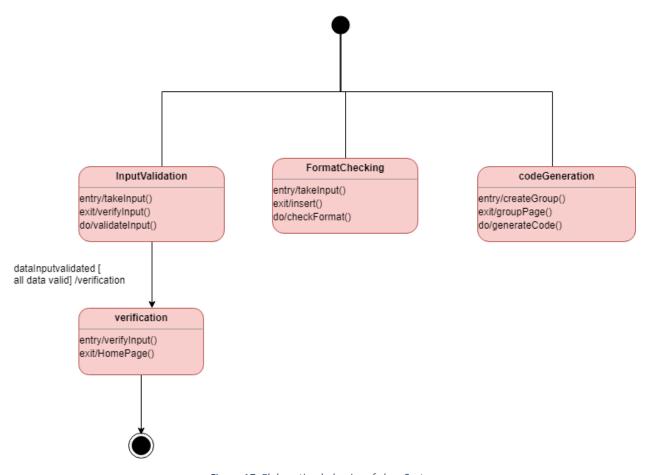


Figure 17: Elaboration behavior of class System