**Class diagram description**

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| **UserDAOImpl** |
| -userRepository : UserRepository |
| +addUser(User user) : void  +editUser(long userid) : void |

**Property:**

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| **ID** | **Name** | **Description** | **Remark** |
| 1 | userRepository | Used for controller to database. | UserRepository |

**Method:**

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| **ID** | **Name** | **Description** | **Remark** |
| 1 | addUser | Used for registeration | void |
| 2 | editUser | Used for change information about User | void |

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| **ActivityDAOImpl** |
| -activityRepository : ActivityRepository |
| +getactivity() : List<Entity.Activity> +editActivity(Activity activity) : void  +postActivity(Activity activity) : void  +deleteActivity(Activity activity) : void |

**Property:**

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| --- | --- | --- | --- |
| **ID** | **Name** | **Description** | **Remark** |
| 1 | activityRepository | Used for controller to database. | ActivityRepository |

**Method:**

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| --- | --- | --- | --- |
| **ID** | **Name** | **Description** | **Remark** |
| 1 | getactivity() | Used for retrieve list of activity in the database | List<Entity.Activity> |
| 2 | editActivity(Activity activity) | Used for change information about Activity | void |
| 3 | postActivity(Activity activity) | Used for adding new Activity to the database. | void |
| 4 | deleteActivity(Activity activity) | Used for delete activity | void |

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| **QuestionAnswerDAO** |
| -questionAnswerRepository : QuestionRepository |
| +DeleteQA(QuestionAnswer questionAnswer) : void  +answer(String answer) : void  +getQuestion() : List<Entity.QuestionAnswer>  +askQuestion(QuestionAnswer question) : void |

**Property:**

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| --- | --- | --- | --- |
| **ID** | **Name** | **Description** | **Remark** |
| 1 | questionAnswerRepository | Used for controller to database. | QuestionRepository |

**Method:**

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| --- | --- | --- | --- |
| **ID** | **Name** | **Description** | **Remark** |
| 1 | getQuestion() | Used for retrieve list of question in the database | List<Entity.Activity> |
| 2 | DeleteQA(QuestionAnswer questionAnswer) | Used for delete Question. | void |
| 3 | answer(String answer) | Used for adding answer on selected question. | void |
| 4 | askQuestion(QuestionAnswer question) | Used for adding new question into database | void |