Project Management System

Report by: Syed Muattar Mehdi Zaidi

Nouns Extraction:

Project titles

Group

Faculty advisor

Evaluations

Add advisor

Delete advisor

Add project

Delete project

Update project

Student’s registration

ID

Session

Evaluation Title

Marks

Rubrics

Deadlines

Student ID

Student email

Classes:

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| --- | --- |
| **Class Name** | **Evaluation** |
| **Data Members** | -evaluationTitle : String |
|  | -rubrics : String |
|  | -marks : int |
|  | -deadlines: Date |
|  | +getEvaluationTitle(): String |
|  | +setEvaluationTitle():String |
|  | +getrubrics():String |
|  | +setrubrics():String |
|  | +getMarks():int |
|  | +setMarks():int |
|  | +getDeadline():Date |
|  | +setDeadline():Date |

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| --- | --- |
| **Class Name** | **Project** |
| **Data Members** | -projectTitle:String |
|  | +AddProject():String |
|  | +DeleteProject(): boolean |
|  | +Update Project(): boolean |
|  | +getProjectTitle(): String |
|  | +setProjectTitle(): String |
| **Class Composition** | **Evaluation**  A project has many evaluations |

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| --- | --- |
| **Class Name** | **Advisors** |
| **Data Members/Methods** | +Addadvisor(): Boolean |
|  | +UpdateAdvisor(): Boolean |
|  | +DeleteAdvisor(): boolean |
|  | -AdvisorName: String |
|  | -AdvisorDesignation: String |
|  | +getAdvisorName(): String |
|  | +setAdvisorName(): String |
|  | +getAdvisorDesignation(): String |
|  | +setAdvisorDesignation(): String |
| **Class Composition** | **Project**  **Group**  Advisors can have and can manipulate many projects and groups. |

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| --- | --- |
| **Class Name** | **Groups** |
| **Data Members/Methods** | -groupId: String |
|  | -groupName: String |
|  | +addGroup(): boolean |
|  | +editGroup(): boolean |
|  | +deleteGroup(): boolean |
|  | +groupMember: String |
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| **Class Name** | **Students** |
| **Data Members/Methods** | -StudentId: String |
|  | -StudentName: String |
|  | -email : String |
|  | -password: String |
|  | -address: String |
|  | +signIn(): boolean |
|  | +signUp(): boolean |
| **Class Inheritance** | **Student extends Group** |

