**Exercise 01**

**(01)**

* User
* Timetable
* Batch
* Subject
* Lecture hall /Lab

**(02)**

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| **User** | |
| **Responsibilities** | **Collaborators** |
| Update required details |  |
| Select year ,batch ,lecture hall, free slots ,subject | Timetable , subject |
| Get timetable | Lecture hall , batch |
| Find free slots | Lecture hall |

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| **Subject** | |
| **Responsibilities** | **Collaborators** |
| Store / update subject details |  |
| Get subject details | Timetable |

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| --- | --- |
| **Batch** | |
| **Responsibilities** | **Collaborators** |
| Store / update batch details |  |
| Get subject details | Timetable |

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| **Lecture hall** | |
| **Responsibilities** | **Collaborators** |
| Store / update lecture hall details |  |
| Get lecture hall timetable | Timetable |

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| **Timetable** | |
| **Responsibilities** | **Collaborators** |
| Store / update timetable details |  |
| Get timetable | Subject , batch , lecture hall |

**Exercise 01**

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| **Subject** |
| Subject code  Description  Year  Field |
| setsubjectdetails()  updateSubjectdetails()  getsubjectdetails() |

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| **User** |
| userNo  Name  Mobile  lecureinCharge |
| setusertdetails()  updateuserdetails()  getuserdetails() |

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| **Timetable** |
| timetableID  day  time  typeofslot  location  lecture  subject  batch |
| setTimetabledetails()  updateTimetabledetails()  getTimetabledetails() |