**Team I**

**Term Project**

**Data dictionary**

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| --- | --- | --- | --- | --- | --- |
| **Table name** | **Field name** | **Data Type** | **Field Size** | **Constraint** | **Description** |
| All(courses,rooms,  Section,table\_slot) | id | integer(int) | 11 | Not null,  Primary key  Auto\_increment | Auto generated and gives unique ids to each row in table |
| courses | course\_no | variable character(varchar) | 10 | Default null | Course number of each course |
| courses | hours | integer(int) | 11 | Default null | Hours each course number has |
| rooms | room\_no | variable character(varchar) | 5 | Default null | List of room numbers available |
| section | course\_id | integer(int) | 11 | Default null,  Foreign key | Reference to ‘courses’ table and ‘id’ column |
| section | section\_no | variable character(varchar) | 5 | Default null | Section number of each course number |
| section | no\_of\_days | integer(int) | 11 | Default null | Number of days each course will meet |
| table\_slot | section\_id | integer(int) | 11 | Default null,  Foreign key | Reference to  ‘section’ table and ‘id’ column |
| table\_slot | room\_id | integer(int) | 11 | Default null,  Foreign key | Reference to  ‘rooms’ table and ‘id’ column |
| table\_slot | start\_time | time | - | Default null | The starting time of each course in a room |
| table\_slot | end\_time | time | - | Default null | The ending time of each course in a room |
| table\_slot | duration | integer(int) | 11 | Default null | Days that a course meet in a week |
| table\_slot | day | variable character(varchar) | 10 | Default null | Days(Monday-Sunday) that a course meet in a week |