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| Table 1 Block | Entity Description | | | | |
| Block | The Block entity represents a scheduled time slot within which various activities such as duration, course ID. In the system where Blocks are associated with students, this entity helps in managing and organizing different blocks of time for student activities. | | | | |
| Field Name | Description | Datatype | Key Field | Constraints | Example |
| Block ID | Unique identifier for the Block | INT | Primary key | Not null | 1001 |
| Duration | Duration of the block in minutes | INT |  | Not null | 60 |
| Course ID | Identifier for the course associated with the block | INT | Foreign key | Reference  (course Id) | 101 |

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| Table 2 Enrollment | Entity Description | | | | |
| Enrollment | The Enrollment entity tracks the registration of students in specific courses. It serves to record which students are enrolled in which courses and manage their participation in various activities or classes during specific blocks. | | | | |
| Field Name | Description | Datatype | Key Field | Constraints | Example |
| Enrollment ID | Unique identifier for each enrollment record | INT | Primary key | Not null | 2002 |
| Enrollment Date | Date when the student enrolled | Date |  | Not null | 31-08-2024 |
| Block ID | The unique identifier for the block during which the course is scheduled | INT |  | Not null | 31-08-2024 |