**Data Dictionary** (*Crowdee: An Online Android-based Establishment Crowd Tracking Application with Geo-fencing and Go-To Planner*)

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| --- | --- | --- | --- | --- |
| **Field Name** | **Data Type** | **Field Size** | **Description** | **Example** |
| UserID | int | 5 | Unique identifier for every user | 0001 |
| username | varchar | 50 | Unique username for both user and admin | Carl Deans |
| LocID | int | 5 | Unique identifier for every location | 1201 |
| EstID | int | 5 | Unique identifier for every establishment | 5001 |
| Crowd\_ID | int | 5 | Unique identifier for every crowd density level | 3001 |
| TaskID | int | 5 | Unique number for all the tasks | 2001 |
| FilEst\_ID | int | 5 | Unique identifier for every crowd density level | 6001 |
| ArchiveID | int | 5 | Unique number for all the finished tasks | 0101 |
| UsLg\_ID | int | 5 | Unique number for all the log history of the user | 2101 |
| DeptName | varchar | 50 | Department of the admin | PNP |
| AreaLoc | varchar | 50 | Name of every location | Nasugbu, Batangas |
| Est\_Name | varchar | 50 | Name of every Establishment |  |
| EstWorkHours | time | HH:MM | Specified working hours of an establishment | 8:00 |
| Crowd\_LvlName | varchar | 50 | Type crowd density level | High |
| CrowdLvl | varchar | 10 | The specified percentage of a crowd density level |  |
| TaskName | varchar |  | Task name input by the user | Meeting with friends |
| TaskTimeSched | time | HH:MM | Exact time inputted by a user for a specific task | 04:00 |
| TaskDateSched | date | YYYY-MM-DD | Exact location of the responder | 2021-07-26 |
| TaskRemarks | varchar | 50 | Remarks of every tasks in archive | Done |
| History | date/time | YYYY-MM-DD/HH:MM | Date and time the task is finished | 2021-07-26 19:30 |
| LogDate | date | YYYY-MM-DD | Date the user log in the application | 2021-07-12 |
| LogTime | time | HH:MM | Time the user log in the application | 03:45 |