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DAS – A

App Name: Instagram

DESCRIPTION:

It is basically a social media platform which enables its users to share their photos and videos and also interact with posts of people they follow.

|  |  |
| --- | --- |
| operations | Additional info |
| add | Insert into table name |
| delete | Delete from table name |
| search | Select from table name |
| display | Select \* from table name |

Form names and description:

|  |  |  |  |
| --- | --- | --- | --- |
| name | type | Table related information | operations |
| category | Master form | User category | Delete, search, display, add |
| user | transaction | User table |  |

Tables:

User table:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Mobile no | User id | Account id | email | dob | gender |
|  |  |  |  |  |  |

Master table 1: Account

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Account id | Username | Account type | password | Created on | Account status | verification | permissions |
|  |  |  |  |  |  |  |  |

Transaction table 1: Devices

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Logged in device id | Device name | location | Time of login | Activity status | Account id |
|  |  |  |  |  |  |

Master table2: Account info

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Username | Name | bio | followers | following | posts | Tagged posts id |
|  |  |  |  |  |  |  |

Transaction table: 2 Tagged posts

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tagged post id | Posted username | Other tagged accounts | Posted Date | Likes | Comments |
|  |  |  |  |  |  |

Master table 3: post

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Content id | Content type | Description | Location | Music | Hashtags | Creator Username | Tagged accounts |
|  |  |  |  |  |  |  |  |

Transaction table 3: post responses

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Content id | Likes | Shares | Saves | Commented Username | Comment | Posted date |
|  |  |  |  |  |  |  |

Master table 4: Story details

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Story id | Story mode | Pic/video id | text | music | location | Hashtags | Mentions | Links |
|  |  |  |  |  |  |  |  |  |

Transaction table 4: Story responses

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Username | Story id | Likes | replies | views | shares | reports |
|  |  |  |  |  |  |  |

Transaction table 5: Activity

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Username | Searched accounts | Searched Hashtags | Visited links | Interacted content id | Interacted Story id | Average time spent |
|  |  |  |  |  |  |  |

Master table 5: Settings

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Username | Likes from | Comments from | Photo tags from | Mentions in bio | Video chats | Hide story from |
|  |  |  |  |  |  |  |