Entity Relationship Diagram(ERD)

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Relational Database Scheme

EVENT (eventid, venue, date, time, event name, amount, status, privilege, rewardid)

FK rewardid REFERENCES REWARDS NULLS NOT ALLOWED

EVENT STAFF (eventid, staffid)

FK eventid REFERENCES EVENT NULLS NOT ALLOWED

FK staffed REFERENCES STAFF NULLS NOT ALLOWED

REGISTERED MEMBER (memid, first\_name, last\_name, middle\_name, address, age, gender, level, points, eventid, rewardid)

FK eventid REFERENCES EVENT NULLS NOT ALLOWED

FK rewarded REFERENCES REWARDS NULLS ALLOWED

REWARDS (rewardid, points, price)

AK points NULLS NOT ALLOWED

STAFF (staffid, first\_name, last\_name, memid)

FK memid REFERENCES REGISTERED MEMBER NULLS NOT ALLOWED

Tables with Sample Data

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Registered Member** | | | | | | | | |
| memid | first\_name | middle\_name | last\_name | address | age | gender | level | points |
| 2171234 | John | King | Michael | Bakakeng, Baguio City | 17 | M | 5 | 70 |
| 2175678 | Christian | Joy | Moe | Balugao, Pangasinan | 19 | F | 3 | 45 |
| 2178765 | Leo | Jhester | Nardo | San Fernando, La Union | 19 | M | 2 | 10 |
| 2174321 | Jones | Padsuyan | Joilic | Camp 7 Baguio City | 19 | M | 10 | 189 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Staff** | | | |
| staffid | first\_name | last\_name | memid |
| 3641824 | Angelo | Luke | 2171234 |
| 3461262 | Mana | Patricia | 2175678 |
| 3620609 | Joshua | Joy | 2178765 |
| 3576431 | Adrian | Lee | 2174321 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Rewards** | | | |
| rewardid | points | prize | standing |
| 6641 | 60 | 150 | 3 |
| 8413 | 100 | 400 | 1 |
| 3314 | 80 | 200 | 2 |
| 2461 | 20 | 50 | 5 |

|  |  |
| --- | --- |
| **Event Staff** | |
| eventid | staffid |
| 1401 | 3641824 |
| 1641 | 3461262 |
| 0081 | 3620609 |
| 3467 | 3516431 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Event** | | | | | | | | |
| eventid | venue | date | time | eventname | amount | status | privilege | rewardid |
| 1401 | Baguio City | December 8, 2017 | 9:00 am- 2:00 pm | Tanabata Festival | 450 | paid | Freebies | 6641 |
| 1641 | Califronia USA | January 15, 2018 | 8:00 am – 10:00 pm | Christmas Wonderland | 700 | unpaid | Ticket Discount | 8413 |
| 8541 | Baguio City | December 30, 2017 | 1:00 am – 4:00 pm | Cosplay Fanfare | 100 | Paid | Meet and Greet | 3314 |
| 7992 | Itogon, Benguet | March 1, 2018 | 11:00 am – 3:00 pm | Hexcon | 200 | paid | Gift Card | 2461 |