2023

PR1 - BUILD

CSY2038

Group 5

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| **SCHEMA ENTITY RELATIONSHIP DIAGRAM** |

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| TABLES | ATTRIBUTES | KEY | DATATYPE | CONSTRAINTS | DEFAULT |
| experiences | experience\_name  experience\_id  experience\_nature\_id  location\_id  price  activity | PK  FK  FK | VARCHAR2(25)  NUMBER(25)  NUMBER(25)  NUMBER(25)  NUMBER(20,2)  activity\_varray\_type | pk\_experiences  fk\_e\_experience\_natures  fk\_e\_locations |  |
| ambassadors | ambassador\_id  ambassador\_name  profile  address | PK | NUMBER(25)  VARCHAR2(25)  CLOB  REF of address\_type | pk\_ambassadors |  |
| experience\_ambassadors | ambassador\_id  experience\_id | FK  FK | NUMBER(25)  NUMBER(25) | pk\_experience\_ambassadors, fk\_ea\_ambassadors  pk\_experience\_ambassadors, fk\_ea\_experiences |  |
| addresses | address\_type:  street  city  country |  | VARCHAR2(25)  VARCHAR2(20)  VARCHAR2(25) |  |  |
| experience\_natures | experience\_id  category  duration | PK | NUMBER(25)  VARCHAR2(25)  DATE | pk\_experience\_natures |  |
| locations | experience\_id  address  facility | PK | NUMBER(25)  address\_type  facility\_table\_type | pk\_locations |  |
| facility\_table\_type | facility\_type:  facility\_name  services  description |  | VARCHAR2(25)  VARCHAR2(25)  VARCHAR2(25) |  |  |
| activity\_varray\_type | activity\_type:  name  description  category |  | VARCHAR2(25)  VARCHAR2(25)  VARCHAR2(25) |  |  |

|  |  |
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| FUNCTIONS: | func\_experience\_ct  calculate\_price\_per\_hour(p\_experience\_id ) |
| TRIGGERS: | experience\_price\_update  display\_new\_ambassador |
| PROCEDURES: | proc\_experience\_price(in\_experince\_id)  proc\_update\_experience (in\_price experiences)  proc\_using\_func |
| CURSORS: | cur\_ambassador  experience\_cursor |