-----------HangmanGame-----------

 (Data structure) 

Main table

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data type** | **Brief** |
| **Player ID** | Int | Primary key –used to link with score table |
| **Player Name** | Varchar | Player name user input |
| **Player Age** | Int | Player age |
| **Player Gender** | Char(1) | Player gender |

“””player age and player gender helps in analytics (if any)”””

Record table

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data type** | **Brief** |
| **Player ID** | Int | Foreign key –helps to link with the master table. |
| **Best score** | Int | It only updates if the past score for that player is beaten. |
| **Date of the best score** | Date time | Shows the time of their achievement . |

score table

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data type** | **Brief** |
| **Player ID** | Int | Helps to connect to both the above table. |
| **Number of level passed** | Int | Shows how many levels passed. |
| **Total score** | Int | Total round score. |

hint table

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data type** | **Brief** |
| **Topic** | Varchar | Topic of the word. |
| **Word** | Varchar | Word |
| **Hint1** | Varchar | Hint1 of the word. |
| **Hint2** | Varchar | Hint2 of the word. |

“””The first hint appears when the user guesses 2 letters wrong. The second hint appears when there is last chance is left.”””

Level 1

All the four-letter (short) words from random topics.

Level 2

All the five-letter (long) words from random topic.

**1st hint**: basic easy hint telling about its topic like the word is name of a color

**2nd hint**: a more related hint like the color is in the national flag of India.

----------------------------------- TheEnd------------------

-----------------WordsTopics-----------

|  |  |  |
| --- | --- | --- |
| **TOPIC** | **4 LETER WORD** | **5 LETTER WORD** |
| Color | Pink ,blue ,cyan, gold ,rust ,ruby ,lime ,navy ,jade ,grey . | Black ,brown ,blond ,blush ,cream ,green ,Flame ,lemon ,milky ,peach ,white. |
| sports | Polo , ludo ,golf , jass ,sumo | Chess ,Poker ,rummy ,bingo ,scuba |
| Animal | Hare , hogg ,bull ,lion , mule ,lamb ,mole , goat ,deer ,bear. | Tiger ,shark ,otter ,snake, bison , camel ,hippo ,horse ,mouse ,panda ,rhino sheep ,zebra, whale. |
| City | Pune ,gaya ,fuji ,agra ,bhuj ,rome , bali . | Dhaka ,Kabul ,paris ,seoul ,Tokyo ,cario ,Hanoi ,delhi. |
| Brands | Nike , sony ,dell ,boat ,bata , visa ,ebay | Maped ,redmi ,apple ,pepsi ,shell |
| birds | Crow , dove ,duck ,hawk ,kite ,kiwi ,myna ,koel | Eagle ,goose ,finch ,crane macaw ,raven ,robin ,swift ,stork ,heron. |
| random |  |  |

INSERT INTO HINT\_TABLE VALUE(hint:is an Iranian horseback mounted team **sport**. is an Iranian horseback mounted team **sport**.)

ALTER TABLE HINT\_TABLE MODIFY WORD CHAR(100);

ALTER TABLE HINT\_TABLE ADD WORD2 CHAR(100);

INSERT INTO HINT\_TABLE (TOPIC) VALUES ("COLOR");

INSERT INTO HINT\_TABLE (TOPIC) VALUES ("SPORT");

INSERT INTO HINT\_TABLE (TOPIC) VALUES ("ANIMAL");

INSERT INTO HINT\_TABLE (TOPIC) VALUES ("CITY");

INSERT INTO HINT\_TABLE (TOPIC) VALUES ("BRANDS");

INSERT INTO HINT\_TABLE (TOPIC) VALUES ("BIRDS");

UPDATE HINT\_TABLE SET WORD="pink blue cyan gold rust ruby lime navy jade grey " WHERE TOPIC='COLOR';

UPDATE HINT\_TABLE SET WORD2="black brown blond cream green flame lemon milky peach white" WHERE TOPIC='COLOR';

UPDATE HINT\_TABLE SET WORD="polo ludo golf jass sumo " WHERE TOPIC='SPORT';

UPDATE HINT\_TABLE SET WORD2="chess rummy bingo scuba" WHERE TOPIC='SPORT';

UPDATE HINT\_TABLE SET WORD="hare hogg bull lion mule lamb mole goat deer bear" WHERE TOPIC='ANIMAL';

UPDATE HINT\_TABLE SET WORD2="Tiger shark otter snake bison camel hippo horse mouse panda rhino sheep zebra whale" WHERE TOPIC='ANIMAL';

UPDATE HINT\_TABLE SET WORD2="tiger shark otter snake bison camel hippo horse mouse panda rhino sheep zebra whale" WHERE TOPIC='ANIMAL';

UPDATE HINT\_TABLE SET WORD="pune gaya fuji agra bhuj rome bali" WHERE TOPIC='CITY';

UPDATE HINT\_TABLE SET WORD2="dhaka kabul paris seoul tokyo cario hanoi delhi" WHERE TOPIC='CITY';

UPDATE HINT\_TABLE SET WORD="nike sony dell boat bata visa ebay" WHERE TOPIC='BRANDS';

UPDATE HINT\_TABLE SET WORD2="maped redmi apple pepsi shell" WHERE TOPIC='BRANDS';

UPDATE HINT\_TABLE SET WORD="crow dove duck hawk kite kiwi myna koel" WHERE TOPIC='BIRDS';

UPDATE HINT\_TABLE SET WORD2="eagle goose finch crane macaw raven robin swift stork heron" WHERE TOPIC='BIRDS';