ACHIEVERS CONSULTANCY

"Where Your Education Meets Your Ambition !!!"

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Agenda

Introduction

Timeline

ERD Diagram

Queries/ Commands
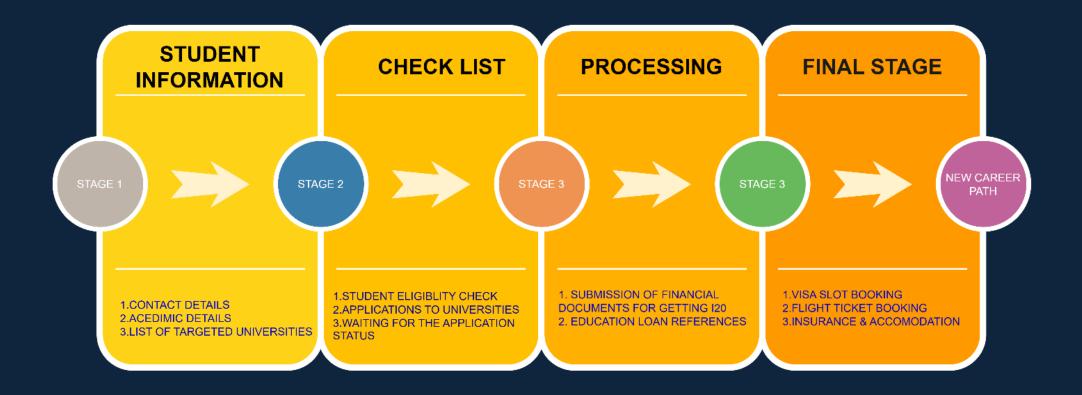
Business Objectives

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Business Rules

Introduction

Consultancy can be extremely useful to students who wish to study abroad. Study abroad consultants can provide valuable guidance and support throughout the entire process, from selecting the right country and university to applying for scholarships and visas. And for that we are the helping students to achieve their dreams and make their path little easy.
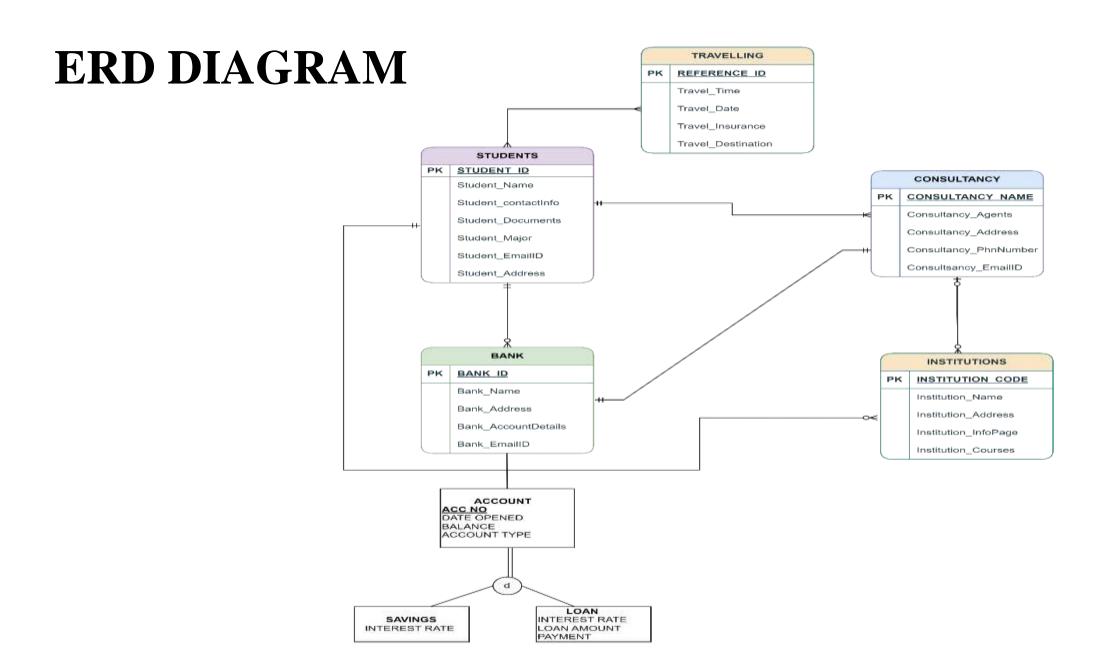
TIMELINE

STUDENT INFORMATION

STAGE 1

1. CONTACT DETAILS
2. ACEDIMIC DETAILS
3. LIST OF TARGETED UNIVERSITIES

CHECK LIST

STAGE 2

1. STUDENT ELIGIBLITY CHECK
2. APPLICATIONS TO UNIVERSITIES
3. WAITING FOR THE APPLICATION STATUS

PROCESSING

STAGE 3

1. SUBMISSION OF FINANCIAL DOCUMENTS FOR GETTING I20
2. EDUCATION LOAN REFERENCES

FINAL STAGE

STAGE 3

1. VISA SLOT BOOKING
2. FLIGHT TICKET BOOKING
3. INSURANCE & ACCOMODATION

NEW CAREER PATH

NOTE:Every Deck of FALL/SPRING/SUMMER -INTAKES the process will be same.

BUSINESS OBJECTIVE

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BUSINESS RULES

o Consultancies can specialize in management, finance, technology, human resources, marketing, and other disciplines to help students who want to expand their careers across and arrange for them to join certain institutions. Additionally, they might offer a range of services. Mostly for students who desire to travel the world and work with multinational corporations after high school, as well as for those who wish to study abroad or get assistance.

❏ Students' data must be kept private, and the personnel must be knowledgeable about all of the steps depicted in the figure. Students should be able to select their favourite courses and universities.

❏ Universities should collaborate with accredited universities to persuade students not to attend Blacklist colleges. Students can select their favourite Agents to assist them during the process.

ERD DIAGRAM

Queries

❑ **Creation of Tables**

✓ **STUDENT TABLE**

CREATE TABLE student (

  s_id INT PRIMARY KEY,

  s_name VARCHAR(50),

  s_info VARCHAR(50),

  s_doc INT,

  s_major VARCHAR(50),

  s_eid VARCHAR(50),

  s_add VARCHAR(100)

);

✓ **BANK TABLE**

CREATE TABLE bank (

  bank_id INT PRIMARY KEY,

  bank_name VARCHAR(50),

  bank_add VARCHAR(100),

  bank_det INT,

  bank_eid VARCHAR(50),

  s_id INT,

  FOREIGN KEY (s_id) REFERENCES student(s_id)

);

✓ **INSTITUTION TABLE**

```
CREATE TABLE institution (
  ins_code INT PRIMARY KEY,
  ins_name VARCHAR(50),
  ins_infopage VARCHAR(100),
  ins_courses VARCHAR(100),
  s_id INT,
  bank_id INT,
  FOREIGN KEY (s_id) REFERENCES
student(s_id),
  FOREIGN KEY (bank_id) REFERENCES
bank(bank_id)
);
```

✓ **TRAVEL TABLE**

```
CREATE TABLE travel (
  ref_id INT PRIMARY KEY,
  t_date DATE,
  t_insu VARCHAR(50),
  t_dest VARCHAR(50),
  s_doc INT,
  s_id INT,
  bank_id INT,
  FOREIGN KEY (s_id) REFERENCES student(s_id),
  FOREIGN KEY (bank_id) REFERENCES bank(bank_id)
);
```

✓ **CONSULTANCY TABLE**

CREATE TABLE consultancy (

  c_name_id INT PRIMARY KEY,

  c_det INT,

  c_agent VARCHAR(50),

  c_cont_info VARCHAR(50),

  c_eid VARCHAR(50),

  s_id INT,

  ins_code INT,

  FOREIGN KEY (s_id) REFERENCES student(s_id),

  FOREIGN KEY (ins_code) REFERENCES institution(ins_code)

);

describe student;

describe travel;

describe bank;

describe institution;

describe consultancy;

❑ **<u>INSERT DATA INTO STUDENT TABLE</u>**

INSERT INTO student (s_id, s_name, s_info, s_doc, s_major, s_eid, s_add)

VALUES (1001, 'Jagadeeswari', 'Grad Student', 20, 'IS', 'hd76292@umbc.edu', '123 Main Street, Anytown, USA');

INSERT INTO student (s_id, s_name, s_info, s_doc, s_major, s_eid, s_add)

VALUES (1002, 'Vineeth', 'Senior', 30, 'BA', 'rx82617@umbc.edu', '456 High Street, Anytown, USA');

❑ **INSERT DATA INTO BANK TABLE**

INSERT INTO bank (bank_id, bank_name, bank_add, bank_det, bank_eid, s_id)

VALUES (101, 'ABC Bank', '789 Oak Street, Anytown, USA', 301, 'abcbank@xyz.com', 1001);

INSERT INTO bank (bank_id, bank_name, bank_add, bank_det, bank_eid, s_id)

VALUES (102, 'EFG Bank', '700 Oak Street, Anytown, USA', 302, 'efgbank@xyz.com', 1002);

❑ **INSERT DATA INTO CONSULTANCY TABLE**

INSERT INTO consultancy (c_name_id, c_det, c_agent, c_cont_info, c_eid, s_id, ins_code)

VALUES (1, 301, 'ABC Agency', 'abcagency@email.com', 'abcagency@xyz.com', 1001,1);

❏ **INSERT DATA INTO INSTUTUTION TABLE**

INSERT INTO institution (ins_code, ins_name, ins_infopage, ins_courses, s_id, bank_id)

VALUES (1, 'UMBC', 'https://umbc.edu', 'Information Systems', 1001, 101);

INSERT INTO institution (ins_code, ins_name, ins_infopage, ins_courses, s_id, bank_id)

VALUES (2, 'UMBC', 'https://umbc.edu', 'Information Systems', 1002, 102);

❏ **INSERT DATA INTO TRAVEL TABLE**

INSERT INTO travel (ref_id, t_date, t_insu, t_dest, s_doc, s_id, bank_id)

VALUES (10001, date '2023-06-06', 'TravelSafe', 'Baltimore', 20, 1001, 101);

❑ SELECT QUERY

```
select * from student;

select * from consultancy;

select * from bank;

select * from travel;

select s_id,s_name from student;

select bank_id, bank_name from bank;


select * from student
where s_id=1001;


select * from student
where  s_info='Grad Student' and s_major='IS';
```
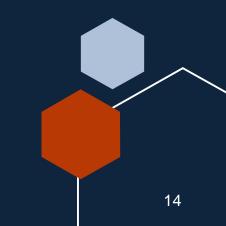
❏ UPDATE QUERY

UPDATE STUDENT "AMRUTHA" DATA WITH STUDENT "JAGADEESWARI" NAME

update student

set s_name='Amrutha'

where s_id=1001;

select * from student;

UPDATE STUDENT "VINEETH" DATA WITH STUDENT "DEVANSHI" NAME

update student

set s_name='Devanshi',s_major='CS'

where s_major='BA';

select * from student;

❑ **JOIN QUERY**

JOIN: INNER JOIN & LEFT JOIN

SELECT ins_name, s_name, c_agent

FROM institution

INNER JOIN student ON institution.s_id = student.s_id

INNER JOIN consultancy ON student.s_id = consultancy.s_id;

SELECT s.s_name, c.c_agent

FROM student s

LEFT JOIN consultancy c ON s.s_id = c.s_id;

❑ <u>**GROUP COMMAND**</u>

SELECT s_major, COUNT(*)

FROM student

GROUP BY s_major;

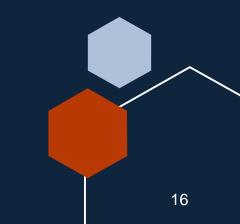SELECT bank_name, MIN(bank_det) AS min_det, MAX(bank_det) AS max_det

FROM bank

GROUP BY bank_name;

SELECT s_major, AVG(s_doc) AS avg_doc

FROM student

GROUP BY s_major;

"Education is the passport to the future, for tomorrow belongs to those who prepare for it today."

By Malcolm X

Thank you