BCIS 5610.001 Enterprise Data Warehousing
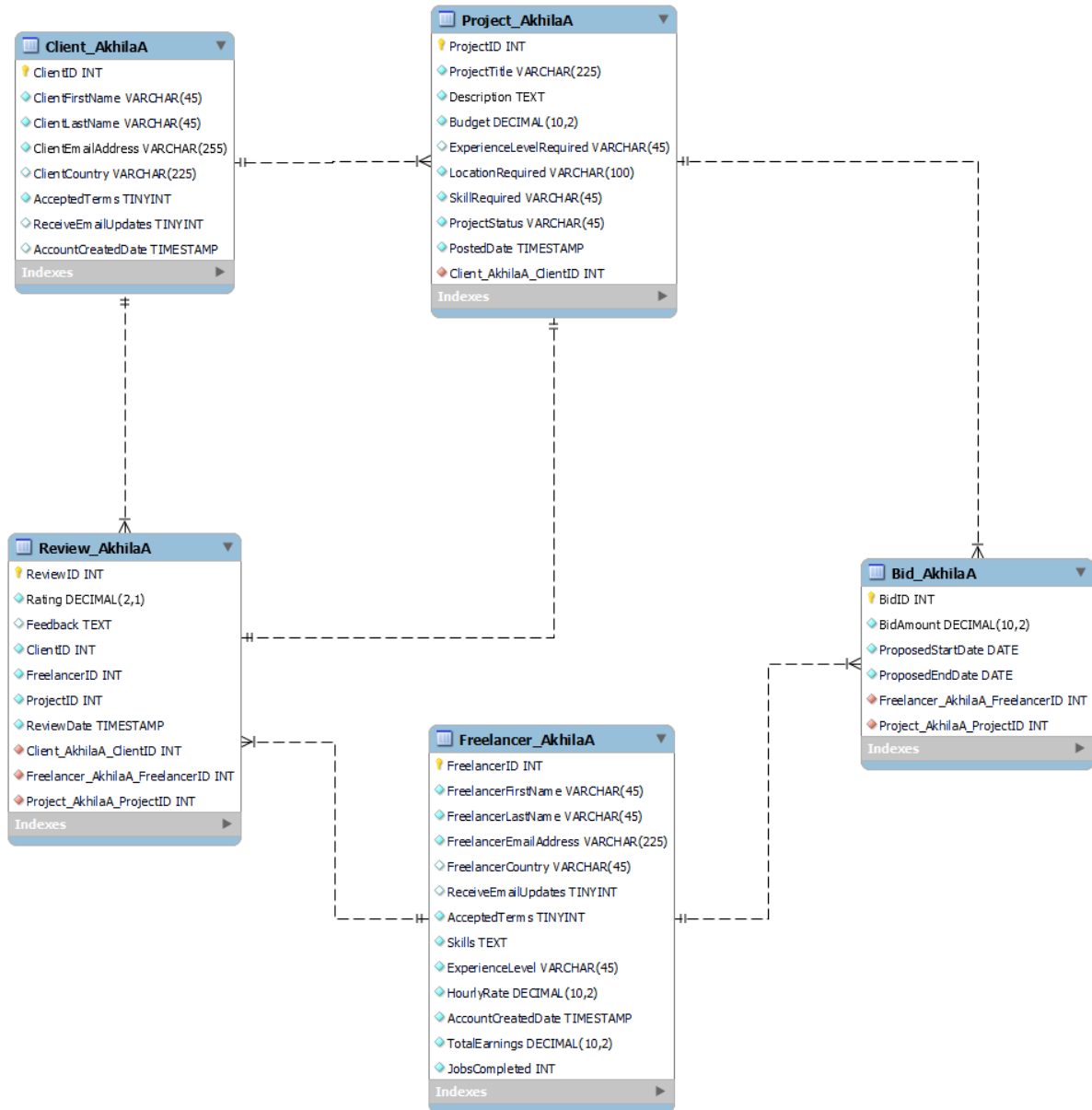
ERD Assignment

Submitted By
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Entity Relationship Diagram:

Client_AkhilaA
- ClientID INT
- ClientFirstName VARCHAR(45)
- ClientLastName VARCHAR(45)
- ClientEmailAddress VARCHAR(255)
- ClientCountry VARCHAR(225)
- AcceptedTerms TINYINT
- ReceiveEmailUpdates TINYINT
- AccountCreatedDate TIMESTAMP
- Indexes

Project_AkhilaA
- ProjectID INT
- ProjectTitle VARCHAR(225)
- Description TEXT
- Budget DECIMAL(10,2)
- ExperienceLevelRequired VARCHAR(45)
- LocationRequired VARCHAR(100)
- SkillRequired VARCHAR(45)
- ProjectStatus VARCHAR(45)
- PostedDate TIMESTAMP
- Client_AkhilaA_ClientID INT
- Indexes

Review_AkhilaA
- ReviewID INT
- Rating DECIMAL(2,1)
- Feedback TEXT
- ClientID INT
- FreelancerID INT
- ProjectID INT
- ReviewDate TIMESTAMP
- Client_AkhilaA_ClientID INT
- Freelancer_AkhilaA_FreelancerID INT
- Project_AkhilaA_ProjectID INT
- Indexes

Bid_AkhilaA
- BidID INT
- BidAmount DECIMAL(10,2)
- ProposedStartDate DATE
- ProposedEndDate DATE
- Freelancer_AkhilaA_FreelancerID INT
- Project_AkhilaA_ProjectID INT
- Indexes

Freelancer_AkhilaA
- FreelancerID INT
- FreelancerFirstName VARCHAR(45)
- FreelancerLastName VARCHAR(45)
- FreelancerEmailAddress VARCHAR(225)
- FreelancerCountry VARCHAR(45)
- ReceiveEmailUpdates TINYINT
- AcceptedTerms TINYINT
- Skills TEXT
- ExperienceLevel VARCHAR(45)
- HourlyRate DECIMAL(10,2)
- AccountCreatedDate TIMESTAMP
- TotalEarnings DECIMAL(10,2)
- JobsCompleted INT
- Indexes

Physical Tables with result set:

Table1: Client_AkhilaA

SELECT * FROM upwork_db.client_akhilaa;

ClientID	ClientFirstName	ClientLastName	ClientEmailAddress	ClientCountry	AcceptedTerms	ReceiveEmailUpdates	AccountCreatedDate
1	John	Ariel	john.ariel@example.com	USA	1	1	2024-01-01 10:00:00
2	Taylor	Smith	Taylor.smith@example.com	UK	1	0	2024-02-01 11:00:00
3	Michael	Jackson	michael.jackson@example.com	Canada	1	1	2024-03-01 12:00:00
4	Emily	Jones	emily.jones@example.com	Australia	1	0	2024-04-01 13:00:00
5	Karen	Garcia	karen.garcia@example.com	India	1	1	2024-05-01 14:00:00
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table2: Freelancer_AkhilaA

SELECT * FROM upwork_db.freelancer_akhilaa;

FreelancerID	FreelancerFirstName	FreelancerLastName	FreelancerEmailAddress	FreelancerCountry	ReceiveEmailUpdates	AcceptedTerms	Skills	ExperienceLevel	HourlyRate
1	Ron	Zane	ron.zane@example.com	USA	1	1	WordPress, Fullstack	Expert	75.00
2	Sophia	Walter	sophia.walter@example.com	UK	0	1	JavaScript, React	Intermediate	40.00
3	Chris	Hemsworth	chris.hemsworth@example.com	Canada	1	1	Python, Django	Advanced	60.00
4	Sofia	Turner	sofua.turner@example.com	Australia	0	1	UI/UX Design, Figma	Expert	80.00
5	Lucas	Rumero	lucas.rumero@example.com	India	1	1	Data Science, Machine Learning	Expert	90.00
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

SELECT * FROM upwork_db.freelancer_akhilaa;

stName	FreelancerEmailAddress	FreelancerCountry	ReceiveEmailUpdates	AcceptedTerms	Skills	ExperienceLevel	HourlyRate	AccountCreatedDate	TotalEarnings	JobsCompleted
	ron.zane@example.com	USA	1	1	WordPress, Fullstack	Expert	75.00	2024-01-15 09:00:00	10000.00	50
	sophia.walter@example.com	UK	0	1	JavaScript, React	Intermediate	40.00	2024-02-20 10:30:00	5000.00	25
	chris.hemsworth@example.com	Canada	1	1	Python, Django	Advanced	60.00	2024-03-10 11:45:00	7500.00	30
	sofua.turner@example.com	Australia	0	1	UI/UX Design, Figma	Expert	80.00	2024-04-05 12:15:00	12000.00	60
	lucas.rumero@example.com	India	1	1	Data Science, Machine Learning	Expert	90.00	2024-05-20 13:00:00	15000.00	75
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table3: Project_AkhilaA

SELECT * FROM upwork_db.project_akhilaa;

ProjectID	ProjectTitle	Description	Budget	ExperienceLevelRequired	LocationRequired	SkillRequired	ProjectStatus	PostedDate	Client_AkhilaA_ClientID
1	Website Development	Build a WordPress website	2000.00	Expert	Remote	WordPress	Open	2024-01-20 09:00:00	1
2	React App	Create a React-based web application	3000.00	Intermediate	Remote	React	Open	2024-02-25 10:00:00	2
3	Machine Learning Model	Develop a predictive ML model	5000.00	Expert	Remote	Python	Open	2024-03-10 11:00:00	3
4	E-commerce Design	Design UI for an e-commerce site	1500.00	Advanced	Remote	UI/UX	Open	2024-04-05 12:00:00	4
5	Data Analysis	Analyze large datasets	2500.00	Expert	Remote	Data Science	Open	2024-05-15 13:00:00	5
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Table4: Bid_AkhilaA

SELECT * FROM upwork_db.bid_akhilaa;

BidID	BidAmount	ProposedStartDate	ProposedEndDate	Freelancer_AkhilaA_FreelancerID	Project_AkhilaA_ProjectID
1	1800.00	2024-01-25	2024-02-10	1	1
2	2800.00	2024-02-28	2024-03-20	2	2
3	4700.00	2024-03-15	2024-04-10	3	3
4	1300.00	2024-04-10	2024-04-30	4	4
5	2300.00	2024-05-18	2024-06-10	5	5
NULL	NULL	NULL	NULL	NULL	NULL

Table5: Review_AkhilaA

ReviewID	Rating	Feedback	ClientID	FreelancerID	ProjectID	ReviewDate	Client_AkhilaA_ClientID	Freelancer_AkhilaA_FreelancerID	Project_AkhilaA_ProjectID
1	5.0	Excellent work on website	1	1	1	2024-02-15 00:00:00	1	1	1
2	4.0	Great job on the React app	2	2	2	2024-03-25 00:00:00	2	2	2
3	4.5	Impressive ML model	3	3	3	2024-04-20 00:00:00	3	3	3
4	5.0	Fantastic design work	4	4	4	2024-05-10 00:00:00	4	4	4
5	4.8	Thorough data analysis	5	5	5	2024-06-10 00:00:00	5	5	5
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL