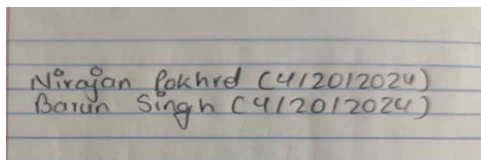**Group Members**
Barun Singh (1002064749)
Nirajan Pokhrel (1002068164)

HONOR CODE
I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hardwork and honest effort in the pursuit of academic excellence. I promise that I will submit only work that I personally create or that I contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code. I will not participate in any form of cheating/sharing the questions/solutions.

Create Views Questions

Query To create the desired view in the database

CREATE VIEW STUDENT_RESEARCH_INFO AS
SELECT phdstudent.StudentId AS StId,
    phdstudent.FName AS StFName,
    phdstudent.LName AS StLName,
    gra.MajaorResearchArea AS ResearchArea
FROM phdstudent, gra
WHERE phdstudent.StudentId = gra.StudentId;

Query to Retrieve each student the StId, StFName, StLName, and their ResearchArea and its result output.

SELECT * FROM `student_research_info`

	StId	StFName	StLName	ResearchArea
Edit Copy Delete	AW1023	Abdurrahman	Wahid	Cyber
Edit Copy Delete	CC6716	Chayton	Chavis	AI
Edit Copy Delete	JP9384	Jung	Park	SE
Edit Copy Delete	KH1029	Ki	Hajar	AI
Edit Copy Delete	KJ1928	Kim	Jee	Cyber
Edit Copy Delete	LY1049	Li	Ying	Cyber
Edit Copy Delete	RK1489	Ranomi	Kromowidjojo	SE
Edit Copy Delete	RY1726	Rhee	Yi	AI
Edit Copy Delete	WW3847	Wang	Wei	AI
Edit Copy Delete	XY2938	Xiu	Ying	SE
Edit Copy Delete	ZW1029	Zhang	Wei	Cyber

Query to retrieve the research area(s) of the student named 'John Doe' and its result screenshot.

SELECT StFName, StLName, ResearchArea
FROM `student_research_info`
WHERE StFName ='John' AND StLName = 'Doe';

StFName	StLName	ResearchArea

Query results operations

Create view

Query to retrieve the names of the students (StFName and StLName) who are researching in 'Artificial Intelligence', and 'Cyber Security' and its result screenshot.

SELECT StFName, StLName, ResearchArea

FROM STUDENT_RESEARCH_INFO
WHERE ResearchArea IN ('AI', 'Cyber');

StFName	StLName	ResearchArea
Abdurrahman	Wahid	Cyber
Chayton	Chavis	AI
Ki	Hajar	AI
Kim	Jee	Cyber
Li	Ying	Cyber
Rhee	Yi	AI
Wang	Wei	AI
Zhang	Wei	Cyber

A short section about the web interface and its implementation

For the web interface, I have 11 files. Out of which, one is the HTML file named index.html which is responsible for the front page of the web. I also have one CSS file named styles.css which I have used to give a simple touch of design. Other nines are php files which Connect my HTML front page to the database make changes, and display content accordingly. Out of nine php files, I have adds files, deletes files, and shows files which do their work respectively.