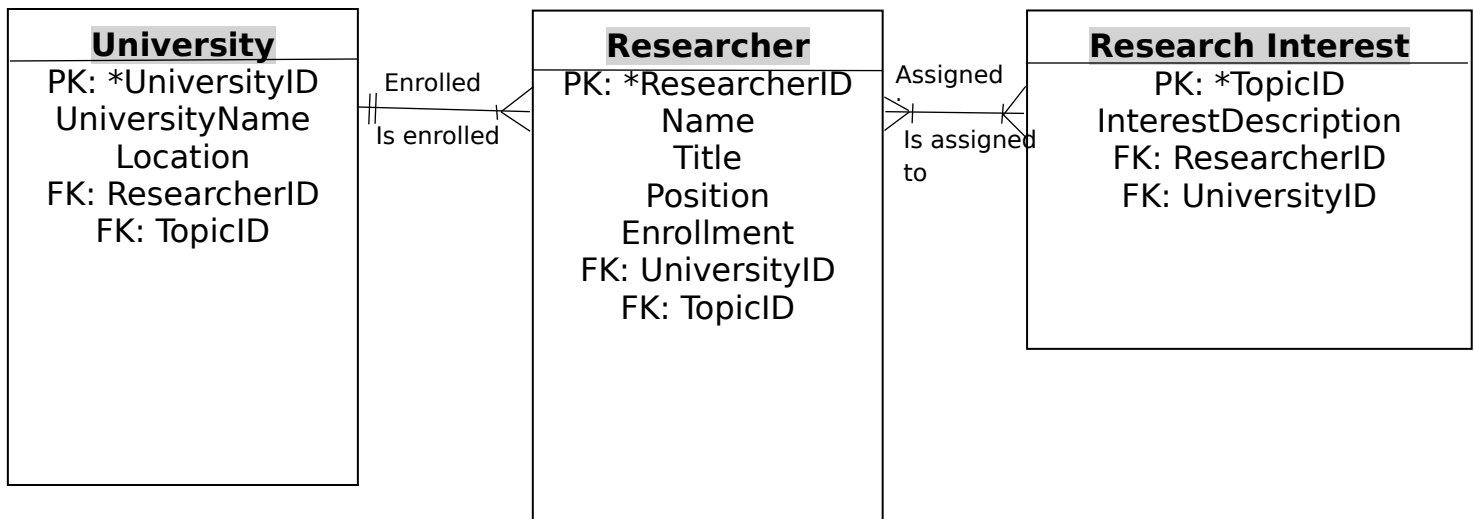


D.2:



J:

Researcher: \*ResearcherID → Name, Title, Position, Enrollment, UniversityID, TopicID

University: \*UniversityID → UniversityName, Location, ResearcherID, TopicID

Research Interest: \*TopicID → InterestDescription, ResearcherID,

220.Q2: Describe the primary activities of the design phase of the SDLC.

In this phase, the actual program and its database is being physically designed. The business needs to make the decision on how they want the system developed, if they wish to develop in-house, buy a package, or outsource developers. Next, they need to design the architecture of the system and select the hardware and software the system will use. Another important aspect is creating a great UX interface design with appropriate navigation through the system.

Another entity should be created. They should be University/Institution, Researcher, Researcher Interest and Research Interests. This should show:

Researcher ||-----|< Researcher Interest >|-----||Research Interests