UML Class Diagram

TourOffering
- -offeringID: String
- -date: String
- -guideName: String
- -guideAccount: String
- -hotel: String
- -maxCapacity: int
- -minCapacity: int
- -users: List<User>

User
- - userName: String
- - userID: String
- -phoneNumber: String
- -tripHistory: List<String>
- -age: String
- -state: int
- -time: java.sql.TimeStamp

Tour
- -tourID: String
- -tourName: String
- -description: String
- -duration: int
- -offerings: List<TourOffe...

DatabaseEngine
- -FILENAME: Strin...
- -search(String text): String

SQLDatabaseEngine
- -getUserInformation(String id):
- -setUserState(String id, int state):
- -setBookingSpecialRequest(String id, String req...
- -reviewBookingInformation(String id):
- -setBookingConfirmation(String id):
- -displayTourOffering(int tourID):

KitchenSinkController
- -database: SQLDatabaseEngin...
- -faqDatabase: FaqDatabase
- -itscLOGIN: String
- -handleTextContent: void
- -faqsearch(): void

FaqDatabase
- -FILENAME: S...
- -loadQuestion(): List<faq...
- +replyImage(String answer): S...
- +search(String text): S...

faqEntry
- +questionID: int
- +Question: String
- +Answer: String

Relationships / labels:
- display tourOffering information ◀
- has (TourOffering ◆— Tour)
- min.. max (TourOffering * — * User)
- manages user information ◀ (User * — 1)
- 1
- has (KitchenSinkController — SQLDatabaseEngine)
- has (KitchenSinkController — FaqDatabase)
- has (FaqDatabase — faqEntry)
- inheritance (SQLDatabaseEngine —▷ DatabaseEngine)
- inheritance (FaqDatabase —▷)

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String
String