

## Table Design

### 1. USER TABLE

Field Name	Data Type	Key	Description
user_id	INT	PK	Unique user ID
username	VARCHAR	—	User name
email	VARCHAR	—	User email
password	VARCHAR	—	Encrypted password

### 2. SESSION TABLE

Field Name	Data Type	Key	Description
session_id	INT	PK	Unique session ID
user_id	INT	FK	References USER(user_id)
mode	VARCHAR	—	Guest / Logged-in
start_time	DATETIME	—	Session start time
end_time	DATETIME	—	Session end time

### 3. TRANSCRIPT TABLE

Field Name	Data Type	Key	Description
transcript_id	INT	PK	Transcript ID
session_id	INT	FK	References SESSION(session_id)
transcript_text	TEXT	—	Speech-to-text data

### 4. CLASSIFICATION TABLE

Field Name	Data Type	Key	Description
class_id	INT	PK	Classification ID
session_id	INT	FK	References SESSION(session_id)
content_type	VARCHAR	—	Meeting type

## 5. SUMMARY TABLE

Field Name	Data Type	Key	Description
summary_id	INT	PK	Summary ID
session_id	INT	FK	References SESSION(session_id)
summary_text	TEXT	—	Generated summary

## 6. REPORT TABLE

Field Name	Data Type	Key	Description
report_id	INT	PK	Report ID
session_id	INT	FK	References SESSION(session_id)
file_type	VARCHAR	—	PDF / DOCX
file_path	VARCHAR	—	Stored file location