Technologies

* 1. Android w/ Kotlin
  2. Database: SQLite w/ ROOM

Data Source : movie\_details.json

Fields : movie\_id, plot\_summary, duration, genre, rating, release\_date, plot\_synopsis

Online viewer: <https://jsoneditoronline.org/>

Tasks

1. Read the .json file and store the information in SQLite database using ROOM
   1. Database file name: movie.db
   2. Table name: movies
   3. Note: Only store the data in SQLite if it does not exist
2. Features
   1. First Page – names of the members w/ button to go the next page
   2. 2nd Page – The user is given the option to search, add, delete, and update
   3. Search by release date (this could be in another page)
   4. Add another movie (this could be in another page)
      1. Store the information in SQLite using ROOM
   5. Delete a movie based on movie\_id (this could be in another page)
      1. Remove from SQLite using ROOM
   6. Update a movie details (except the movie\_id)
      1. Update the data only in SQLite using ROOM

What to submit

1. Nothing