Lab 3.1 - Introduction to Databases

## Instructions

1. Answer the below question in the boxes.
2. Please submit the assignment after you finish.

## Database 101

1. Suggest 3 applications/softwares/apps which can utilize Database.

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| --- |
| Facebook instragram thread |

1. Consider a payment application (Like Paypal or a banking app). How would a database play a role in the payment system? Can you mention 2 user operations that rely on the database of a payment application?

|  |
| --- |
| receive payment  FPS tramsfer  Credit card information  Client information  Transaction  read |

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## Database Concept

Consider a movie rating website. The website is able to display movie details e.g. movie name, directors, actors etc. Also, users can rank and review the movies.

1. Suggest 3 data tables for the website.

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| --- |
| Movie name, timeslot for the movie, prices for the movie, rating table, review  Type of movie |

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1. Suggest 5 data fields that should be available on the database.

|  |
| --- |
| Movie name,  Type of movie |

## Types of Database

1. Name 2 Relational Database Software.

|  |
| --- |
| Oracle Database  MySQL |

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## Roles of Database in Detail

Consider a user registering an account on a social media website (e.g. x). Describe the role of the below elements when the user pressed the “Register” button.

1. App / Website

|  |
| --- |
| verify |

1. Database

|  |
| --- |
| Storing User name  User password |

**- End of Assignment -**