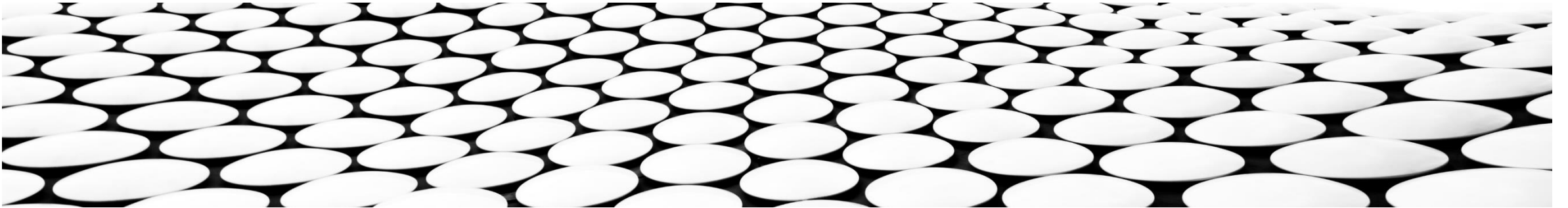


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# **DATABASE MANAGEMENT SYSTEM**

CREATED BY :

MD. FORHAD HOSSAIN



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## Terminology used in file-based systems

- A file is simply a collection of **records, which contain logically related data.**
- Each **record contains a logically connected set of one or more fields,**
- where each field represents some characteristics of the real-world object that is being modeled.

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## When does the manual filing system break down?

- The manual filing system breaks down when we have to cross-reference or process information in the files.
- **Example: A typical real estate agent's office might have a separate file for each property for sale or rent, each potential buyer and renter, and each member of staff.**

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## Real Estate Example ctd...

- How easy would it be to answer these questions using this set up?
- What flats do you have for rent within three kilometres of the city centre?
- What is the average rent for a two-bedroom flat?
- What is the total annual salary bill for staff?
- How does last month's turnover compare with the projected figure for this month?
- What is the expected monthly turnover for next financial year?



Thank You!