Chapter 4

Requirements Collection and Analysis

1. **Centralized Approach**

The approach that is used for the database’s requirement collection and analysis is centralized approach. All the requirements for each user view are merged into a single list of requirements for the C&C Laundry’s database system. During the database design stage, a logical data model representing all user views is created. Basically, we collate the requirements for different user views into a single list of requirements. Then, a data model representing all user views is created in the database design stage.

1. **Major User Views**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data | Access Type | Member | Staff | Owner |
|  | Maintain |  | X |  |
| TrLaundry | Query | X | X | X |
|  | Report |  | X | X |
|  | Maintain |  | X |  |
| MsMember | Query | X | X | X |
|  | Report |  |  | X |
|  | Maintain |  | X |  |
| MsPakaian | Query | X | X | X |
|  | Report |  |  | X |
|  | Maintain |  | X |  |
| TrLaundryDetail | Query |  | X | X |
|  | Report |  |  | X |
|  | Maintain |  |  | X |
| MsServiceType | Query | X | X | X |
|  | Report |  |  | X |
|  | Maintain |  | X | X |
| MsStaff | Query |  | X | X |
|  | Report |  |  | X |
|  | Maintain |  | X |  |
| MsStock | Query |  | X | X |
|  | Report |  | X | X |
|  | Maintain |  | X |  |
| TrStock | Query |  | X | X |
|  | Report |  |  | X |
|  | Maintain |  |  | X |
| MsSupplier | Query |  | X | X |
|  | Report |  |  | X |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Member** | **Staff** | **Owner** |
| **TrLaundry** | ✓ | ✓ | ✓ |
| **MsMember** | ✓ | ✓ | ✓ |
| **MsPakaian** | ✓ | ✓ | ✓ |
| **TrLaundryDetail** | ✓ | ✓ | ✓ |
| **MsServiceType** | ✓ | ✓ | ✓ |
| **MsStaff** |  | ✓ | ✓ |
| **MsStock** |  | ✓ | ✓ |
| **TrStock** |  | ✓ | ✓ |
| **MsSupplier** |  | ✓ | ✓ |

1. **Cross-reference of User Views with the Main Types of Data Used by Each**