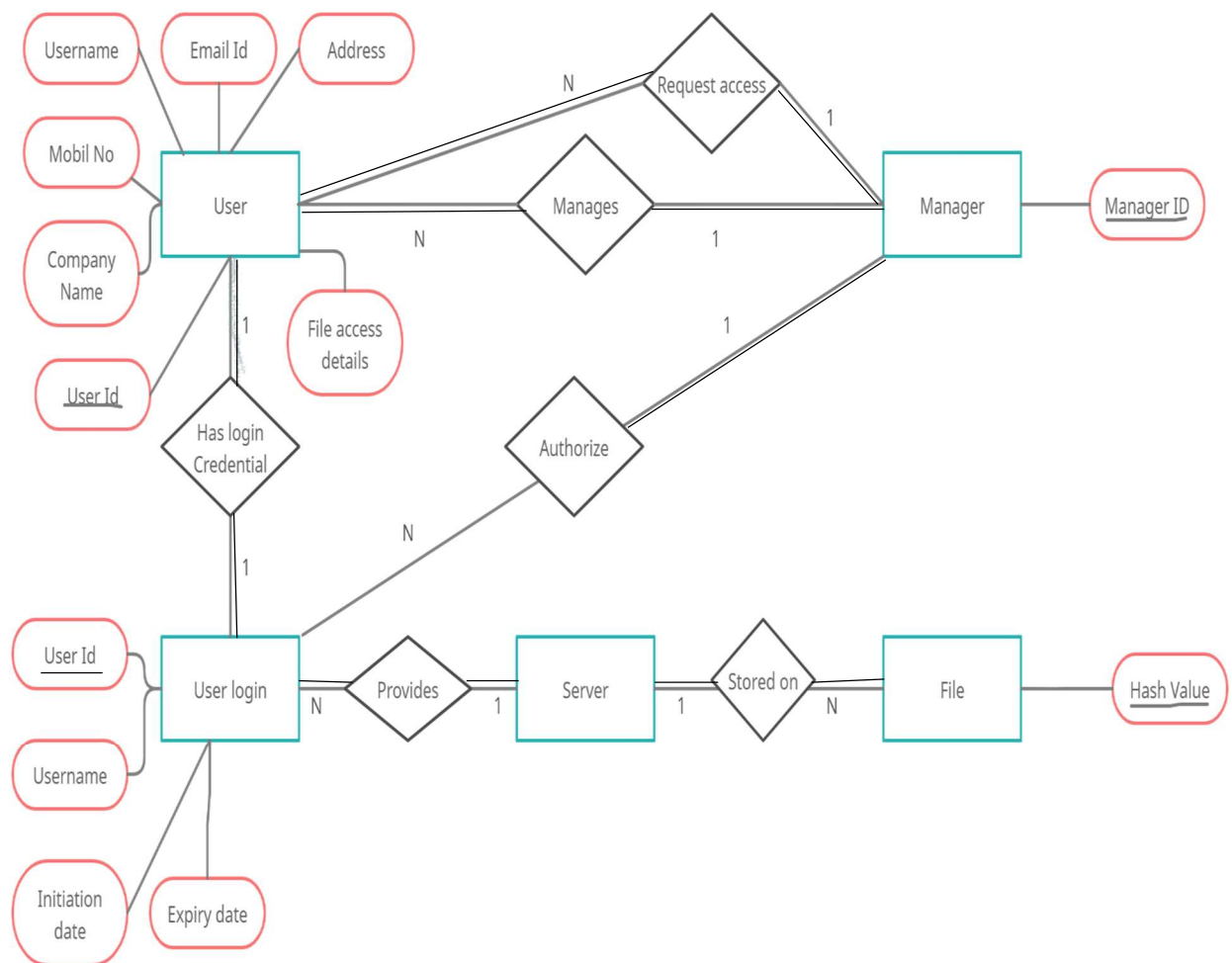


ER Diagram



Entities – User, User login, Server, File, Manager

User has attributes

- Simple - Username, Email Id, Mobile No, Company name, User Id
- Complex - file access details
- Composite - address

- Key Attribute – User Id

User login has attributes

- Key attribute – User Id
- Simple – Username, Initiation date, Expiry date

File has attribute

- Key Attribute – Hash Value

Manager has attribute

- Key attribute – Manager Id

Relationships

1. One to one 'Has login credential' relationship between user and user login
2. One to many 'Provides' relationship between server and user login
3. Many to one 'Stored on' relationship between file and server
4. Many to one 'Request access' relationship between user and manager
5. One to many 'Manages' relationship between manager and user
6. One to many 'Authorize' relationship between manager and user login