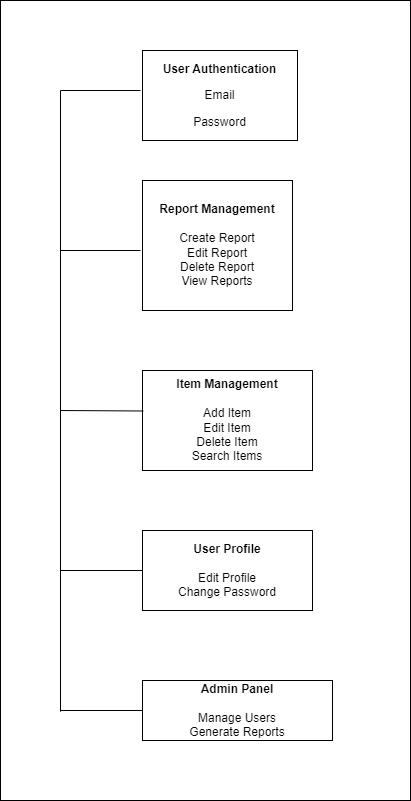
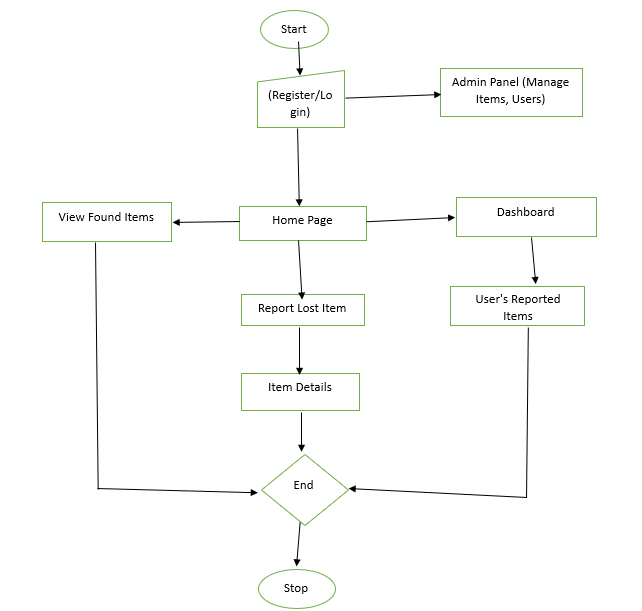
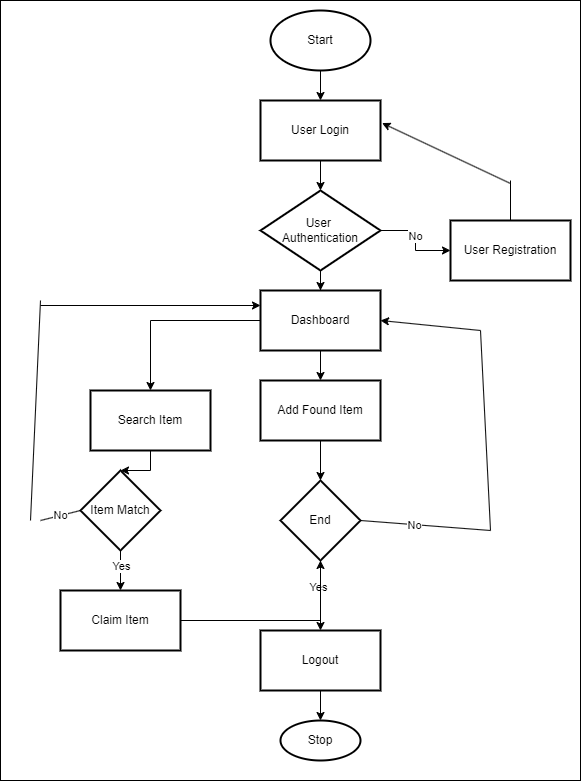
Block Diagram



System Flowchart

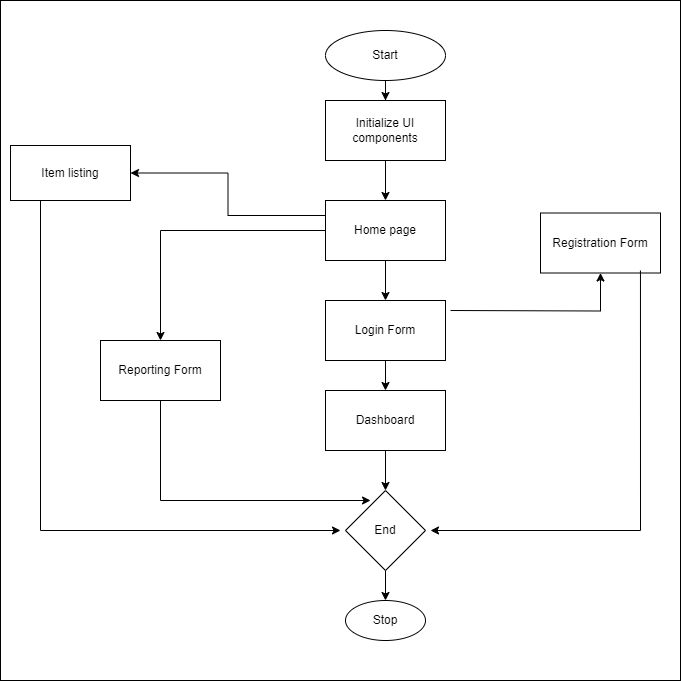
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Program Flowchart

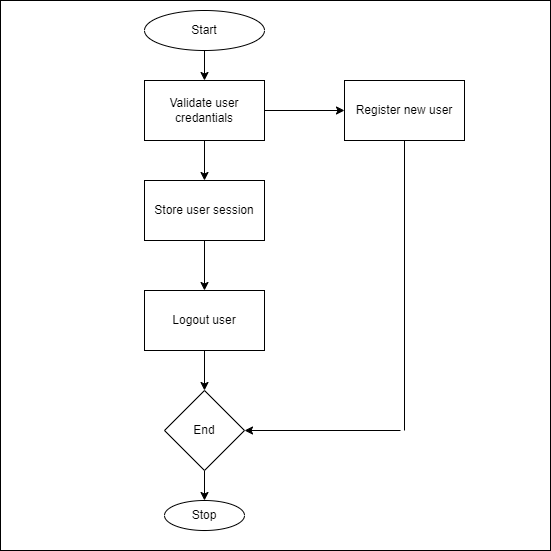


Modular Program Flowchart

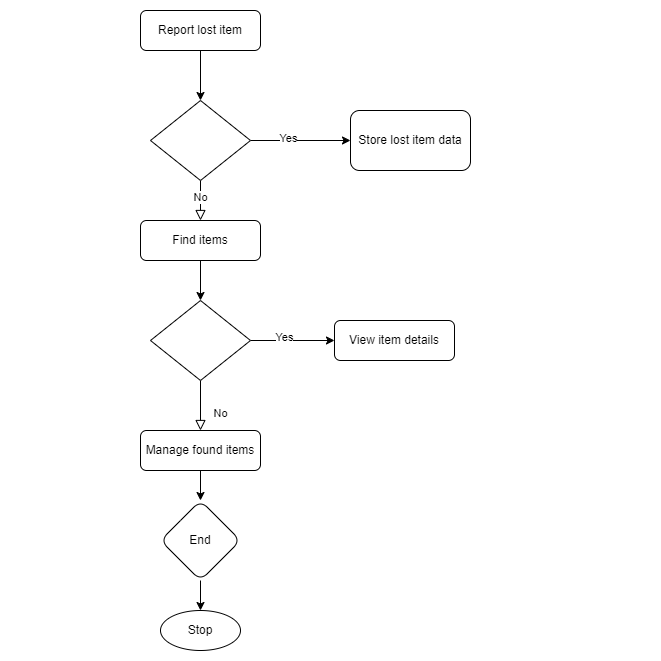
**User Interface Module**



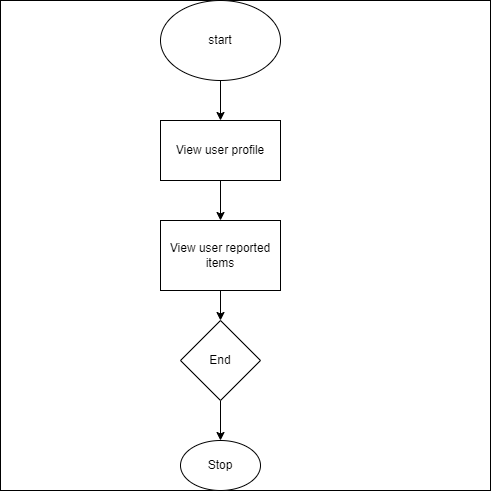
**User Authentication Module**

****

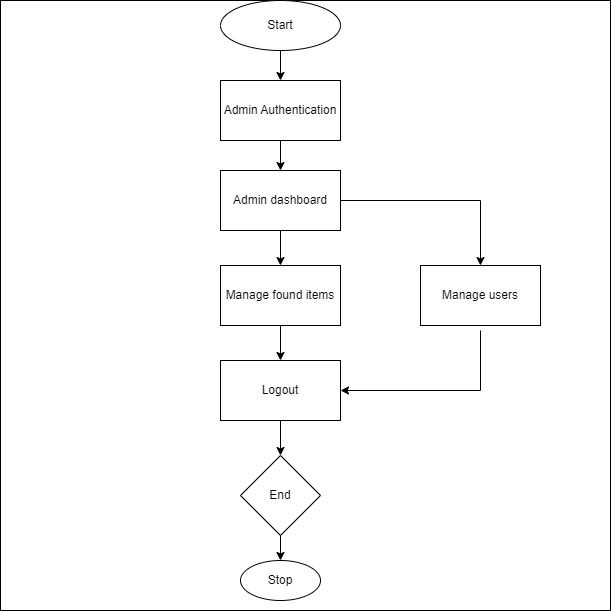
**Reporting Module**



**User Profile Module**



**Admin Module**



**CLASS DIAGRAM**

**User**

- userId: String

- username: String

- password: String

- email: String

+ getUsername(): String

+ getEmail(): String

+ setPassword(password: String): void

1,1

1,1

1,\* 1,\*

**Found item**

- itemId: String

- description: String

- location: String

- dateFound: Date

- finder: User

+ getItemId(): String

+ getDescription(): String

+ getLocation(): String

+ getDateFound(): Date

**Lost item**

- itemId: String

- description: String

- location: String

- dateLost: Date

+ getItemId(): String

+ getDescription(): String

+ getLocation(): String

+ getDateLost(): Date

+ isClaimed(): boolean

1,\*

1,\*

**Customer support**

- supportId: String

- email: String

- phone: String

|

+ getSupportId(): String

+ getEmail(): String

+ getPhone(): String

+ provideSupport(contactDetails: ContactDetails): string

**DATAFLOW DIAGRAM**

User acc. DB

authentication

Upload item

user uploads items

login

user

login

s details admin verifies items

Items DB

Store found items

Verify items uploaded

Login details

admin

Retrieve lost items

Search for items

Find item

**USE CASE DIAGRAM**

Verify password

<<include>>

login

user admin

Verify items

Upload item

<<include>>

<<include>>

Display found items

Find item

User login

Valid user

no

Registration

**ACTIVITY DIAGRAM**

yes

Upload item

no

yes

Enter item details

no

yes

Admin verification

View item