

DFD FOR CORPORATE EMAIL BREACH CHECKER

Submitted by :Shakir Jamal EP

Submitted to :Anitha(miss)

MODULES

➤ 1-USER MANAGEMENT

- Manages user accounts, authentication, and profiles. User registration with corporate email.
- Edit profile details (name, email, notifications). Dashboard to view breach history and security tips.
- upload bulk emails list for checking breaches .

➤ 2-EMAIL BREACH CHECKING

- Scans emails for security breaches in real-time.
- Enter and validate corporate email.
- Scan email against breach databases (XposedOrNot, BreachDirectory).
- Show detailed breach reports (source, severity, exposed data).
- Bulk scanning – upload multiple emails via CSV.

➤ 3-REPORTS & DOWNLOADS

- Generates reports for users and admins.
- Auto-generate reports (daily, weekly, monthly).
- View breach insights with charts and severity indicators.
- Download reports as PDF, CSV, or DOCX. Email reports directly to users and admins.

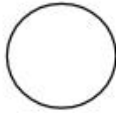



➤ 4-EDUCATIONAL RESOURCES

- Provides cyber security tips and news.
- Daily updates on security breaches and cyber threats. Best practices for passwords, Single email checking for breached or not , and File transfer tips.
- Links to trusted security tools (VPNs, password managers).

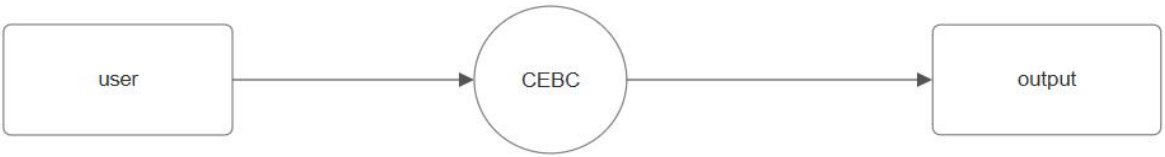
➤ 5-ADMIN MANAGEMENT

- Gives admin control over users, breaches, and reports. Secure admin login with 2FA.
- View and manage user accounts and breach data.
- Generate breach analytics and reports.
- User's messages

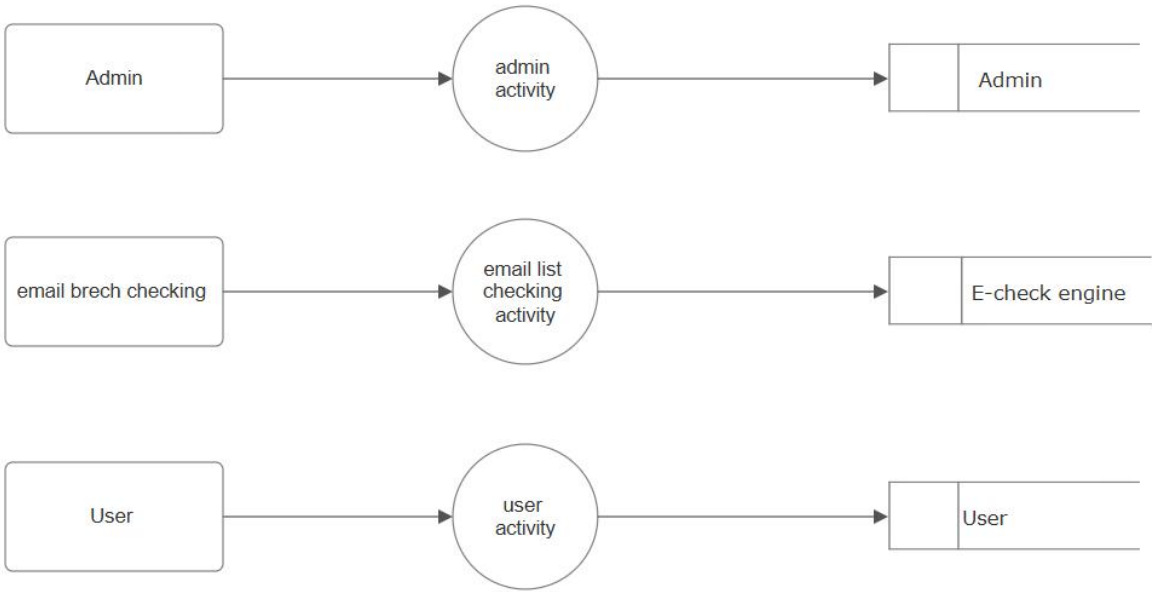
Data Flow Diagram Symbols

Symbol	Name	Function
	Process	Perform some transformation of input data to yield output data.
	Data Flow	Used to connect processes to each other, to sources or Sinks, the arrow head indicates direction of data flow.
	Source or sink (External Entity)	A source of system inputs or sinks of system outputs.
	Data Store (Internal Storage)	A repository of data.

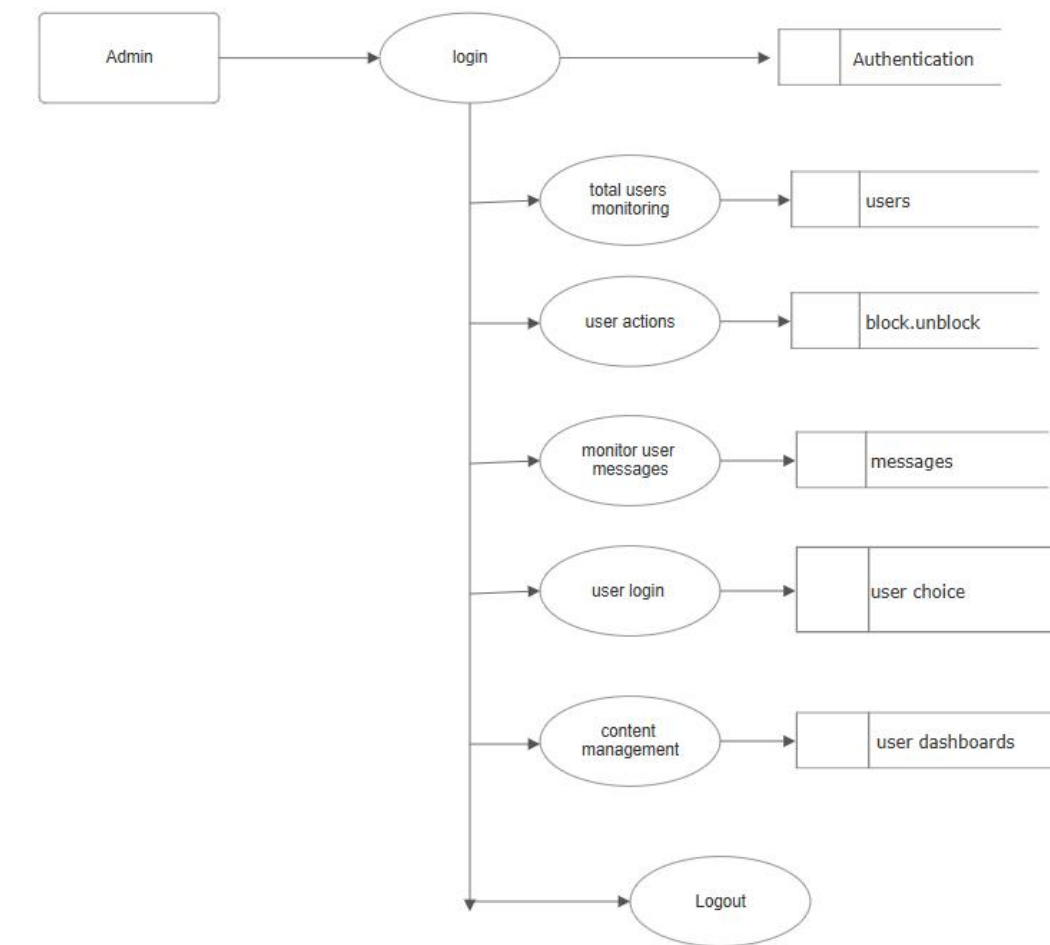
LEVEL 0:



LEVEL 1:



LEVEL 2:



LEVEL 3:

