**Implementation**

**Set Up User Using Password Generator**

A screenshot of a computer

Description automatically generatedA screenshot of a computer login box

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A screenshot of a computer error

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**Login**

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**Main Interface**

**Add Credentials**

* Gives a remark about the password (i.e. weak, average or strong)

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**View Credentials**

* It consists of a search filter, enabling a user to effectively search for credentials of a particular website using the website name or username.

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**Analyze Password Strength**

* It gives an analysis about the passwords stored in a user’s database.

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**Add New Credentials**

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A screen shot of a computer error

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**View Credentials**

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A screenshot of a computer

Description automatically generated**Filtering Credentials based on Website or Username**

**Analyze Strength of Added Passwords**

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**Delete Credentials**

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**View Credentials After Deleting**

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A screenshot of a computer program

Description automatically generated**User Database (user\_data.json)**

**Credentials Database (credentials.json)**

A computer screen shot of a black background

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