

*A Project Report on:*

# LOCKEY

**PROTECT YOUR KEYS IN A DIGITAL SAFE**

**Stream: MCA 3<sup>rd</sup> Semester**

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## About Lockey:

Lockey is a powerful and user-friendly online multi-user password manager designed to securely store and manage all your passwords in one place. With Lockey, users can save their app names, usernames, URLs, and passwords, all while enjoying seamless functionality like password copying for quick access.

The application features a clean and responsive interface built using CSS and Bootstrap for design, ensuring an intuitive user experience across devices. On the client side, JavaScript and jQuery handle dynamic scripting and interactivity, while the server-side functionality is powered by PHP to efficiently manage user data and requests.

Security is at the heart of Lockey. It leverages CryptoJS for encryption, where users' login passwords are stored securely as SHA256 hashed values. Stored passwords, on the other hand, are encrypted using AES encryption. When users need to retrieve their passwords, Lockey seamlessly decrypts and displays them on demand, ensuring the perfect blend of security and usability.

Lockey empowers users to manage their credentials effortlessly, offering peace of mind with reliable encryption and a smooth user experience.

## Functionalities:

- Store passwords along with associated app names, usernames, and URLs and notes as well.
- Allows multiple users to create and manage their own accounts securely.
- Quickly copy passwords, usernames, or URLs to the clipboard for ease of use.
- Designed using CSS and Bootstrap for a clean and intuitive interface on all devices.
- Dynamic interactivity and scripting handled using JavaScript and jQuery.
- Server-side operations are managed using PHP for efficient handling of requests and user data.
- Passwords are encrypted using AES (Advanced Encryption Standard) for secure storage.
- User login passwords are stored as SHA256 hashed values, ensuring they cannot be decrypted.
- Encrypted passwords can be securely decrypted and displayed when required by the user.
- Easily organize and access credentials for various apps, services, or websites.
- Utilizes the CryptoJS library to handle encryption and hashing securely.

## Codes:

### register.html:

```
<body class="back-primary-white">
    <nav class="d-none d-lg-flex full-navbar">
        

        <div class="nav-links-container-desktop">
            <a href="onboarding.html"
                class="nav-links-desktop txt-primary-
dark">Home</a>
        </div>
    </nav>
    <!-- Mobile nav bar -->
    <div class="d-block d-lg-none">
        <nav class="full-navbar" id="top-nav-bar-mobile">
            

            <div class="nav-icon-holder-mobile" id="mobile-nav-
icon-holder">
                <div class="top-bottom-div back-prime"></div>
                <div class="middle-div back-prime"></div>
                <div class="top-bottom-div back-prime"></div>
            </div>
        </nav>
        <div class="nav-links-container-mobile back-primary-
white"
            id="nav-bar-contents-mobile">
            <a href="onboarding.html"
                class="nav-links-mobile txt-primary-
dark">Home</a>
            <a href="login.html"
                class="nav-links-mobile txt-primary-
dark">Login</a>

        </div>
    </div>

    <!-- FORM -->
    <div class="row g-0 nav-bellow-object-register">
        <form action=".//php/adduser.php" method="post"
id="register-form" class="col-lg-7">
            <div class="form-container m-md-4 p-4">
                <div class="col-lg-11 row mx-auto">
                    <p class=" form-heading-account-
create">Create A New
                        Account...</p>
                    <!-- Name Input -->
                    <div class="col-md-6">
                        <label>
```

```

        class="registration-label txt-
secondary-dark"
            for="fname">First Name</label>
<input
        class="registration-input txt-
secondary-dark back-primary-white"
            type="text" name="fname" id="fname">
<p class="error-label" id="fname-
error"></p>
    </div>
<div class="col-md-6">
    <label
        class="registration-label txt-
secondary-dark"
            for="lname">Last Name</label>
<input
        class="registration-input txt-
secondary-dark back-primary-white"
            type="text" name="lname" id="lname">
<p class="error-label" id="lname-
error"></p>
    </div>
    <!-- Email Input -->
<div class="col-md-8">
    <label
        class="registration-label txt-
secondary-dark"
            for="email">Email</label>
<input
        class="registration-input txt-
secondary-dark back-primary-white"
            type="text" name="email" id="email">
    </div>
    <div class="col-md-4 d-flex align-items-
end">
        <button type="button" class="form-btns
back-prime txt-primary-white" id="send_otp">Send
            OTP</button>
    </div>
    <p class="error-label" id="email-error"></p>

    <!-- OTP Verification part -->
<div class="col-md-8">
    <label
        class="registration-label txt-
secondary-dark"
            for="otp">Enter OTP</label>
<input
        class="registration-input txt-
secondary-dark back-primary-white"
            type="password" name="otp" id="otp">
    </div>

```

```

        <div class="col-md-4 d-flex align-items-
end">
            <button
                type="button"
                class="form-btns back-prime txt-
primary-white" id="verify">Verify</button>
            </div>
            <p class="error-label" id="otp-error"></p>

            <!-- Mobile No input -->
            <div class="col-md-12">
                <label
                    class="registration-label txt-
secondary-dark"
                    for="mobile">Mobile No</label>
                <input
                    class="registration-input txt-
secondary-dark back-primary-white"
                    type="text" name="mobile"
                    id="mobile">
                <p class="error-label" id="mobile-
error"></p>

            </div>
            <!-- Password part -->
            <div class="col-md-6">
                <label class="registration-label txt-
secondary-dark" for="password">Password</label>
                <div style="position: relative;">
                    <input
                        class="registration-input txt-
secondary-dark back-primary-white"
                        type="password" name="password"
                        id="password" style="padding-right: 2rem;">
                    <i class="bi bi-eye-slash txt-prime
fs-5" id="toggle-password" style="position: absolute; right: 10px;
top: 50%; transform: translateY(-50%); cursor: pointer;"></i>
                </div>
                <p class="error-label" id="password-
error"></p>
            </div>

            <div class="col-md-6">
                <label
                    class="registration-label txt-
secondary-dark"
                    for="cnf-password">Confirm
                Password</label>
                <div style="position: relative;">
                    <input
                        class="registration-input txt-
secondary-dark back-primary-white"
                        type="password" name="cnf-
password" id="cnf-password">

```

```

                <i class="bi bi-eye-slash txt-prime
fs-5" id="toggle-cnf-password" style="position: absolute; right:
10px; top: 50%; transform: translateY(-50%); cursor: pointer;"></i>
            </div>

            <p class="error-label" id="cnf-password-
error"></p>

        </div>
        <div class="password-guidelines">
            <ul>
                <li><span
class="highlight">1.</span> A Dash of
                    Numbers <span>(0-9)</span></li>
                <li><span
class="highlight">2.</span> A Mix of
                    Upper & Lowercase Letters</li>
                <li><span
class="highlight">3.</span> A Sprinkle
                    of Special Symbols <span>(@, #,
$,
                    etc.)</span></li>
                <li><span
class="highlight">4.</span> At Least 8
                    Characters Long</li>
                <li><span
class="highlight">5.</span> Avoid
                    Common Phrases or Patterns</li>
            </ul>
            <p class="note">Your password is your
digital
                    shield-wield it wisely! <img alt="blue shield icon" style="vertical-align: middle;"/> </p>
        </div>
        <input type="password"
name="encrypted_password" id="encrypted_password" hidden>
            <input
                class="register-btn btn back-prime p-3
fs-5 txt-primary-white fw-bold border rounded-pill mb-3"
                type="submit" name="register"
value="Register ->">
            </div>
        </div>
    </form>
    <div class="col-5 d-none d-lg-block my-auto">
        <h1 class="txt-prime text-center fw-bolder display-
1">Already A
            Member?</h1>
        <a href="login.html"
            class="login-btn btn back-prime p-3 fs-4 txt-
primary-white fw-bold border rounded-start-pill px-5 ms-auto d-block
w-75">Login
            -></a>
        </div>
    </div>    </body>
</html>

```

## register.js

```
$("#toggle-password").click(function() {
    const passwordInput = $('#password');
    const icon = $(this);

    if (passwordInput.attr('type') === 'password') {
        passwordInput.attr('type', 'text');
        icon.removeClass('bi-eye-slash')
        icon.addClass('bi-eye');
    } else {
        passwordInput.attr('type', 'password');
        icon.removeClass('bi-eye')
        icon.addClass('bi-eye-slash');
    }
});

$("#toggle-cnf-password").click(function() {
    const passwordInput = $('#cnf-password');
    const icon = $(this);

    if (passwordInput.attr('type') === 'password') {
        passwordInput.attr('type', 'text');
        icon.removeClass('bi-eye-slash')
        icon.addClass('bi-eye');
    } else {
        passwordInput.attr('type', 'password');
        icon.removeClass('bi-eye')
        icon.addClass('bi-eye-slash');
    }
});

$('#register-form').submit(function(e) {
    let fname = $("#fname").val();
    let lname = $("#lname").val();
    let email = $("#email").val();
    let otp = $("#otp").val();
    let mobile = $("#mobile").val();
    let password = $("#password").val();
    let cnf_password = $("#cnf-password").val();
    iserror=false;

    if(fname==""){
        $('#fname-error').text("Please enter your first name");
        iserror=true;
    }else if(lname.match(/[@#$().<>!~+?,=_`]/)){
        $('#fname-error').text("Name can only contain alphabets and (. )");
        iserror=true;
    }else{
        $('#fname-error').text("");
    }
})
```

```

if(lname=="") {
    $('#lname-error').text("Please enter your last name");
    iserror=true;
} else if(lname.match(/[@#$().<>!~+?,=_`]/)){
    $('#lname-error').text("Name can only contain alphabets and
(.)");
    iserror=true;
} else{
    $('#lname-error').text("");
}

if(email=="") {
    $('#email-error').text("Please enter your email");
    iserror=true;
} else if(!email.match(/^([a-zA-Z0-9.]{3,})@[a-zA-Z]{3,12}.[a-zA-
Z]{2,5}$/)){
    $('#email-error').text("Please enter a valid email");
    iserror=true;
} else{
    $('#email-error').text("");
}
if(otp=="") {
    $('#otp-error').text("Please enter your OTP and Verify");
    iserror=true;
}

if(mobile=="") {
    $('#mobile-error').text("Please enter your mobile number");
    iserror=true;
} else if(!mobile.match(/^[6789]{1}[0-9]{9}$/)){
    $('#mobile-error').text("Please enter a valid mobile");
    iserror=true;
} else{
    $('#mobile-error').text("");
}

if(password=="") {
    $('#password-error').text("Please enter your password");
    iserror=true;
} else if(!password.match(/[0-9]/) || !password.match(/[a-z]/) ||
!password.match(/[A-Z]/) || !password.match(/[@#$%^&*_+=?/><]/)){
    $('#password-error').text("Password must satisfy all the
conditions");
    iserror=true;
} else if(password.length<8){
    $('#password-error').text("password must be atleast 8
characters");
} else{
    $('#password-error').text("");
}

if(cnf_password=="") {
    $('#cnf-password-error').text("Please enter your cnfirm
password again");
    iserror=true;
} else if(cnf_password !== password){

```

```

        $('#cnf-password-error').text("Password and confirm password
must be same");
        iserror=true;
    }else{
        $('#cnf-password-error').text("");
        const hash = CryptoJS.SHA256(password).toString();
        $("#encrypted_password").val(hash);
    }
    if(iserror && !verified) {
        e.preventDefault();
    }
}
)

```

### encryption.js

```

// HASHING FUNCTION
function encryptPassword(password, secretKey) {
    return CryptoJS.AES.encrypt(password, secretKey).toString();
}

// Decryption function
function decryptPassword(encryptedPassword, secretKey) {
    const bytes = CryptoJS.AES.decrypt(encryptedPassword,
secretKey);
    return bytes.toString(CryptoJS.enc.Utf8);
}

```

### adduser.php

```

<?php
if(!isset($_POST['register'])){
    header("location:../../html/register.html");
}
require_once "connection.php";
$fname = $_POST['fname'];
$lname = $_POST['lname'];
$email = $_POST['email'];
$mobile = $_POST['mobile'];
$password = $_POST['encrypted_password'];
try{
    $qry = "INSERT INTO
users(first_name,last_name,email,mobile,password)
VALUES(?,?,?,?,?)";
    $stmt = $conn->prepare($qry);
    $stmt-
>bind_param("sssis",$fname,$lname,$email,$mobile,$password);
    $status = $stmt->execute();
    if($status){
        header("location:../../html/login.html");
    } else{
        ?>
        <script>
            alert("<?php echo $conn->error; ?>");
    }
}

```

```

        window.location="../../html/register.html";
    </script>
<?php
}

} catch (Exception $e) {
    die($conn->error);
} finally{
    $conn->close();
}
?>

```

### **emailVerification.php:**

```

<?php
    require_once "connection.php";
    if(isset($_POST['email'])){
        $email = $_POST['email'];
        $otp=$_POST['otp'];
        try{
            $qry = "SELECT * FROM users WHERE email=?";
            $stmt = $conn->prepare($qry);
            $stmt->bind_param("s",$email);
            $stmt->execute();
            $result = $stmt->get_result();
            $data=[];
            $data['status'] = "error";
            if($result->num_rows>0){
                $data['status'] = "error";
                $data['message'] = "Email is already in use";
            } else{
                require_once "sendOTP.php";
                $msg=sendOTP($email,$otp);
                if ($msg=="success"){
                    $data["status"] = "success";
                }else{
                    $data["status"] = "error";
                }
            }
        } catch (Exception $e){
            die($conn->error);
        } finally{
            echo json_encode($data);
        }
    }
?>

```

### **home.html:**

```

<body class="back-primary-white " id="body">
    <!-- NAV BAR -->
    <nav class="d-none d-lg-flex full-navbar">
        

        <!-- SEARCH BAR DESKTOP-->

```

```

<form class="search-container w-75">
    <div class="row g-0">
        <div class="col-1 col-md-2"></div>
        <div
            class="col-10 col-md-8 d-flex back-prime-
secondary align-items-center border rounded">
            <i
                class="bi bi-search txt-prime fw-bolder
fs-3 p-1 ps-2"></i>
            <input type="text" class="search-input
border-0"
                placeholder="Seach">
        </div>

    </div>
</form>
<!-- SEARCH BAR END -->
<div class="nav-links-container-desktop">
    <a href=".../php/logout.php"
        class="nav-links-desktop txt-primary-
dark">Logout</a>
    </div>
</nav>
<!-- Mobile nav bar -->
<div class="d-block d-lg-none ">
    <nav class="full-navbar" id="top-nav-bar-mobile">
        

        <div class="nav-icon-holder-mobile" id="mobile-nav-
icon-holder">
            <div class="top-bottom-div back-prime"></div>
            <div class="middle-div back-prime"></div>
            <div class="top-bottom-div back-prime"></div>
        </div>
    </nav>
    <div class="nav-links-container-mobile back-primary-
white"
        id="nav-bar-contents-mobile">
        <a href=".../php/logout.php"
            class="nav-links-mobile txt-primary-
dark">Logout</a>

        </div>
    </div>
<!-- NAV BAR END -->
<!-- MOBILE SEARCH BAR -->
<div class="m-5"></div>
<form class="d-block d-lg-none search-container-desktop">
    <div class="row g-0 p-2">
        <div
            class="col-12 d-flex back-prime-secondary align-
items-center border rounded">
            <i

```

```

        class="bi bi-search txt-prime fw-bolder fs-3
p-1 ps-2">></i>
            <input type="text" class="search-input border-0"
placeholder="Seach">
        </div>
    </div>
</form>
<!-- TOP SCROLL BAR START -->
<div class="top-scroll-container nav-below-object d-flex
justify-content-evenly" id="featureList">
    <p id="all-passwords" class="txt-secondary-dark
scrollable-content">All</p>
    <p id="favourite-passwords" class="txt-secondary-dark
scrollable-content">Favourites</p>
</div>
<div class="" id="body-container">
    <!-- PASSWORD CONTAINER -->
    <div id="passwords-display"></div>

    <!-- SHOW DEATILS -->
    <!-- Modal structure -->
    <div id="detail-modal" class="modal">
        <div class="modal-content p-4">
            <i class="bi bi-x-lg close txt-prime"></i>
            <div class="d-flex gap-2 align-items-center">
                <i class="bi bi-file-lock2-fill display-1
txt-prime"></i>
                <h4 id="appname"></h4>
            </div>
            <div class="mt-4">
                <p id="launch"><i class="bi bi-rocket-
takeoff-fill txt-prime pe-2"></i>Launch</p>
                <p class="" id="view"><i class="bi bi-
arrows-angle-expand txt-prime pe-2"></i>View</p>
                <p id="edit-user-details-btn"><i class="bi
bi-pencil-fill txt-prime pe-2"></i>Edit</p>
                <p ><i class="bi bi-copy txt-prime pe-2"
id="copypassword"></i>Copy password</p>
                <p ><i class="bi bi-copy txt-prime pe-2"
id="copyusername"></i>Copy username</p>
                <p ><i class="bi bi-copy txt-prime pe-2"
id="copyurl"></i>Copy URL</p>
                <p class="txt-prime" id="delete-user-
details-btn"><i class="bi bi-trash3-fill txt-prime pe-
2"></i>Delete</p>
            </div>
        </div>
    </div>
    <!-- Delete view -->
    <div id="delete-modal" class="modal">
        <div class="modal-content p-4">
            <div class="d-flex gap-2 align-items-center mb-
2">
                <i class="bi bi-trash3-fill txt-prime
display-1 txt-prime"></i>
                <h4>Delete Item</h4>

```

```

        </div>
        <p>
            Delete this item? It will be gone forever.
        </p>
        <div class="d-flex justify-content-end gap-3">
            <a class="text-decoration-none txt-primary-dark" id="cancel-btn">Cancel</a>
            <a class="text-decoration-none txt-prime" id="delete-btn">Delete</a>
        </div>
    </div>

    <!-- DISPLAY FORM -->
    <div class="row g-0 d-none form-top" id="display-password">
        <form action=".//php/updatepassword.php"
method="post" id="display-password-form"
            class="col-lg-7 mx-auto">

            <div class="form-container m-md-4 p-4">

                <i class="bi bi-x-lg cross txt-prime" id="display-close"></i>
                <div class="col-lg-11 row mx-auto">
                    <p class=" form-heading-account-create">Your Password...</p>
                    <!-- Name Input -->
                    <div class="col-md-12">
                        <label
                            class="registration-label txt-secondary-dark"
                            for="fname">App Name</label>
                        <input
                            class="registration-input txt-secondary-dark back-primary-white"
                            type="text" name="display-app-name" disabled>
                    </div>
                    <!-- URL Input -->
                    <div class="col-md-12">
                        <label
                            class="registration-label txt-secondary-dark"
                            for="fname">URL</label>
                        <input
                            class="registration-input txt-secondary-dark back-primary-white"
                            type="text" name="display-url" id="display-url" disabled>
                    </div>
                    <!-- USERNAME Input -->
                    <div class="col-md-12">
                        <label

```

```

        class="registration-label txt-
secondary-dark"
            for="username">Username</label>
<input
            class="registration-input txt-
secondary-dark back-primary-white"
                type="text" name="updated-
username" id="display-username" disabled>
            </div>
            <!-- Password part -->
            <div class="col-md-12">
                <label
                    class="registration-label txt-
secondary-dark"
                        for="password">Password</label>
                <div style="position: relative;">
                    <input
                        class="registration-input
txt-secondary-dark back-primary-white"
                            type="password"
                            name="updated-password"
                            id="display-password-field"
                            style="padding-right: 2rem;">
                    <i class="bi bi-eye-slash txt-
prime fs-5"
                        id="display-toggle-password"
                        style="position: absolute;
right: 10px; top: 50%; transform: translateY(-50%); cursor:
pointer;"></i>
                </div>
            </div>
            <!-- Name Input -->
            <div class="col-md-12">
                <label
                    class="registration-label txt-
secondary-dark"
                        for="fname">Note</label>
                <input
                    class="registration-input txt-
secondary-dark back-primary-white"
                        type="text" name="updated-note"
id="display-note" disabled>
                </div>
                <!-- Favourite -->
                <div class="col-md-12">
                    <label
                        class="registration-label txt-
secondary-dark"
                            for="fname"><input class="form-
type="checkbox" name="updated-
favourite"
                            id="display-favourite" disabled>
                    </label>

```

```

                </div>
            </div>
        </div>
    </form></div>

```

### home.js

```

$(document).ready(()=>{
    $.ajax({
        url:"./../php/loggedincheck.php",
        method:"get",
        success:(data)=>{
            try{
                data = JSON.parse(data)
                if(data['status']=="success"){
                    $("#welcome-tag").text(`Hello ${data['name']} `)

                } else{
                    window.location="./login.html";
                }
            } catch(error){
                console.log(error);
                console.log(data);

            }
        }
    })
})

```

### fetchall.js:

```

function copy_clipboard(password, event) {
    // Get the icon element
    const icon = event.target; // This is the <i> element that was clicked

    // Try using the modern Clipboard API
    if (navigator.clipboard && navigator.clipboard.writeText) {
        navigator.clipboard.writeText(password)
            .then(() => changeIcon(icon)) // Change the icon if copy is successful
            .catch(() => fallbackCopy(password, event, icon)); // Fallback for older browsers
    } else {
        fallbackCopy(password, event, icon); // Fallback if Clipboard API is not available
    }
}

function fallbackCopy(password, event, icon) {
    // Create a temporary div element with contentEditable
    const tempDiv = document.createElement("div");
    tempDiv.textContent = password;
    tempDiv.style.position = "fixed"; // Prevent scrolling
    tempDiv.style.opacity = "0"; // Make it invisible
}

```

```

tempDiv.style.height = "0"; // Avoid rendering
tempDiv.style.width = "0"; // Avoid rendering
document.body.appendChild(tempDiv);

tempDiv.contentEditable = true;
tempDiv.focus();
document.execCommand("selectAll");

// Copy the text
try {
    document.execCommand("copy");
    changeIcon(icon); // Change the icon if copy is successful
} catch (err) {
    console.error("Fallback: Failed to copy password", err);
    alert("Failed to copy password. Please copy manually.");
}

document.body.removeChild(tempDiv);
}

function changeIcon(icon) {
    icon.classList.remove("bi-copy");
    icon.classList.add("bi-clipboard-check-fill");

    setTimeout(() => {
        icon.classList.remove("bi-clipboard-check-fill");
        icon.classList.add("bi-copy");
    }, 1000);
}

function show_details(element) {
    $('#appname').text(element.name);
    $('#detail-modal').css('display', 'flex');
    // launch
    $('#launch').click(()=>{
        window.location=element.url
    })
    // copy password
    $('#copypassword').click(() => {
        const password = decryptPassword(element.password,
element.username); // Decrypt the password
        copy_clipboard(password, event);
    });
    $('#copyusername').click(() => {
        copy_clipboard(element.username, event);
    });
    $('#copyurl').click(() => {
        copy_clipboard(element.url, event);
    });
    $('#view').click(() => {
        $('#detail-modal').css('display', 'none');
        $('#passwords-display').css('display', 'none');
        displayPopulate(element);
        $('#display-close').click(()=>{
            $('#display-password').addClass("d-none");
            $("#featureList").removeClass("d-none");
        })
    })
}

```

```

        $('#passwords-display').css('display', 'block');
        $('#add-password-btn').removeClass("d-none");

    });

});

$("#edit-user-details-btn").click(()=>{
    $('#detail-modal').css('display', 'none');
    $('#passwords-display').css('display', 'none');
    populateDetails(element);
    $('#update-close').click(()=>{
        $('#update-password').addClass("d-none");
        $("#featureList").removeClass("d-none");
        $('#passwords-display').css('display', 'block');
        $('#add-password-btn').removeClass("d-none");

    });
}

$("#delete-user-details-btn").click(()=>{
    $('#detail-modal').css('display', 'none');
    $('#delete-modal').css('display', 'flex');
    $('#cancel-btn').click(()=>{
        $('#delete-modal').css('display', 'none');
        $('#detail-modal').css('display', 'flex');
    })
    $('#delete-btn').click(()=>{
        $.ajax({
            url:"../../../php/delete-password.php",
            method:"POST",
            data:{
                "id":element.id
            },
            success:(data)=>{
                window.location="home.html";
            }
        })
    })
}

$('.close').click(()=>{
    $('#detail-modal').css('display', 'none');
});

$(document).ready(()=>{
    // CALL DB AND GET ALL PASSWORDS
    $.ajax({
        url:"../../../php/getallpasswords.php",
        method:"get",
        success:(data)=>{
            try{
                data = JSON.parse(data);
                if(data.length==0){
                    $('#passwords-display').html("<h1 class='mt-5 txt-secondary-dark text-center'>No Data Available</h1>");
                    return
                }
            }
        }
    })
});

```

```

    }
    str += `<div class="card-container d-flex flex-wrap p-2">
        data.forEach(element=>{
            str+="
                <div class='row col-12 col-md-6 col-lg-4 g-0 p-2">
                    <div class='row g-0 card-container-inner p-2">
                        <div class='col-2">
                            <i
                                class='bi bi-file-lock2-fill
display-1 txt-prime"></i>
                            </div>
                            <div class='col-8 ps-lg-3 my-auto' onclick='show_details(${JSON.stringify(element)})'>
                                <h5 class='m-0 text-truncate">${element.name}</h5>
                                <p class='m-0 text-truncate" style='max-width: 100%;">${element.username}</p>
                            </div>
                            <div class='col-2 my-auto text-end p-2">
                                <i class='bi bi-copy fs-3 txt-prime' onclick='copy_clipboard('${decryptPassword(element.password,element.username)}', event)"></i>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        } )
        str +=`</div>
        $("#passwords-display").html(str)
        $("#all-passwords").addClass("scrollable-content-clicked")
    } catch(error) {
        console.log(error);
        console.log(data);
    }
}
}

$( "#favourite-passwords" ).click(()=>{
    $.ajax({
        url:"./../php/getfavouritepasswords.php",
        method:"get",
        success:(data)=>{
            try{
                data = JSON.parse(data);
                if(data.length==0){
                    $("#passwords-display").html("<h1 class='mt-5 txt-secondary-dark text-center'>No Data Available<h1>")
                    return
                }
            }
        }
    })
}

$( "#favourite-passwords" ).click(()=>{
    $.ajax({
        url:"./../php/getfavouritepasswords.php",
        method:"get",
        success:(data)=>{
            try{
                data = JSON.parse(data);
                if(data.length==0){
                    $("#passwords-display").html("<h1 class='mt-5 txt-secondary-dark text-center'>No Data Available<h1>")
                    return
                }
            }
        }
    })
}

```

```

        str=`<div class="card-container d-flex flex-wrap p-
2">
            data.forEach(element=>{
                str+=`<div class="row col-12 col-md-6 col-lg-4 g-0 p-
2">
                    <div class="row g-0 card-container-inner p-
2">
                        <div class="col-2">
                            <i
                                class="bi bi-file-lock2-fill
display-1 txt-prime"></i>
                            </div>
                            <div class="col-8 ps-lg-3 my-auto"
onclick='show_details(${JSON.stringify(element)})'>
                                <h5 class="m-0 text-
truncate">${element.name}</h5>
                                <p class="m-0 text-truncate"
style="max-width: 100%;">${element.username}</p>
                            </div>
                            <div class="col-2 my-auto text-end p-
2">
                                <i class="bi bi-copy fs-3 txt-prime"
onclick="copy_clipboard('${decryptPassword(element.password,element.
username)}', event)"></i>
                            </div>
                        </div>
                    `

                })
                str+=`</div>
                $("#passwords-display").html(str)
                $("#all-passwords").removeClass("scrollable-content-
clicked")
                $("#favourite-passwords").addClass("scrollable-
content-clicked")

            }catch(error){
                console.log(error);
                console.log(data);

            }
        }
    }

$("#all-passwords").click(()=>{
    // CALL DB AND GET ALL PASSWORDS
    $.ajax({
        url:"./../php/getallpasswords.php",
        method:"get",
        success:(data)=>{
            try{
                data = JSON.parse(data);
                if(data.length==0){

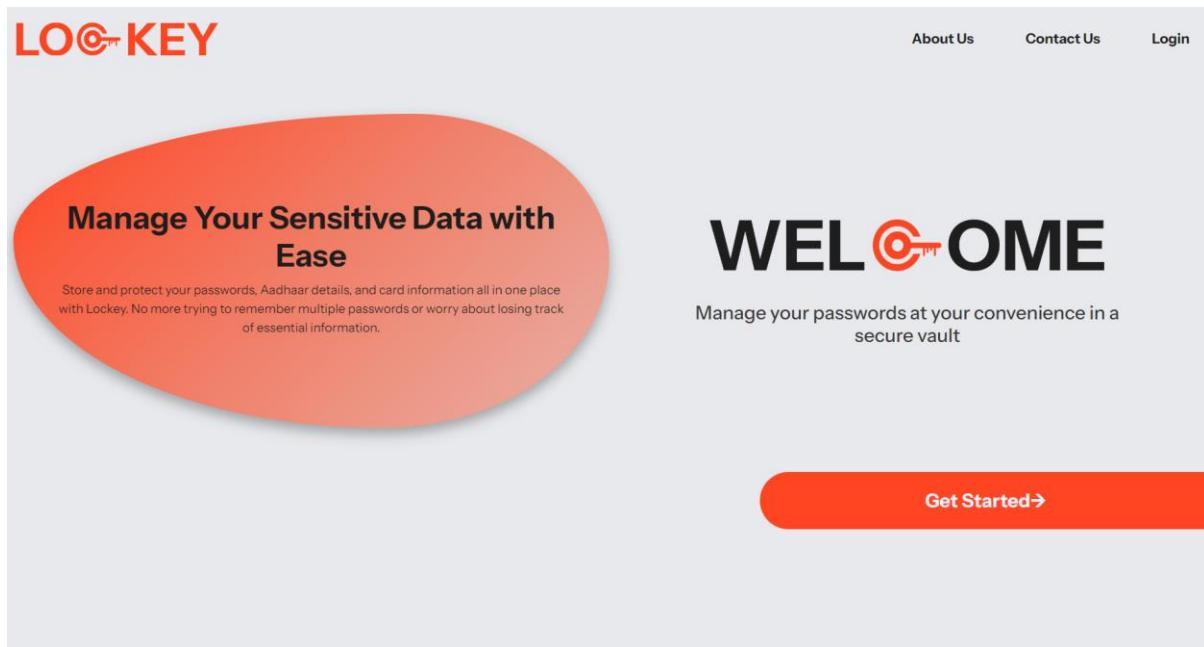

```

```

        $("#" + passwordsDisplay).html("<h1 class='mt-5
txt-secondary-dark text-center'>No Data Available<h1>")
            return
        }
        str+=`<div class="card-container d-flex flex-wrap p-
2">
            data.forEach(element=>{
                str+=`
                    <div class="row col-12 col-md-6 col-lg-4 g-0 p-
2">
                        <div class="row g-0 card-container-inner p-
2">
                            <div class="col-2">
                                <i
                                    class="bi bi-file-lock2-fill
display-1 txt-prime"></i>
                                </div>
                                <div class="col-8 ps-lg-3 my-auto"
onclick='show_details(${JSON.stringify(element)})'>
                                    <h5 class="m-0 text-
truncate">${element.name}</h5>
                                    <p class="m-0 text-truncate"
style="max-width: 100%;">${element.username}</p>
                                </div>
                                <div class="col-2 my-auto text-end p-
2">
                                    <i class="bi bi-copy fs-3 txt-prime"
onclick="copy_clipboard('${decryptPassword(element.password,element.
username)}', event)"></i>
                                </div>
                            </div>
                        </div>
                    `
                )
                str+=`</div>`+
                    $("#" + passwordsDisplay).html(str)
                    $("#" + favouritePasswords).removeClass("scrollable-
content-clicked")
                    $("#" + allPasswords).addClass("scrollable-content-
clicked")
            }
        )catch(error){
            console.log(error);
            console.log(data);
        }
    })
}
```

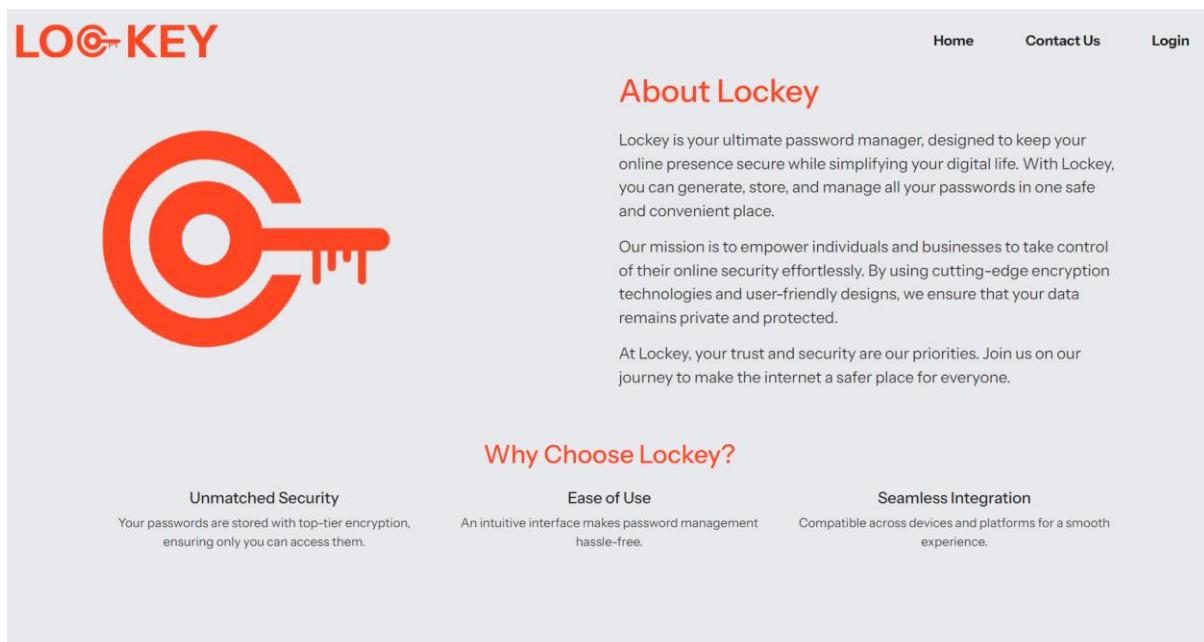
```

## Snapshots: Onboarding



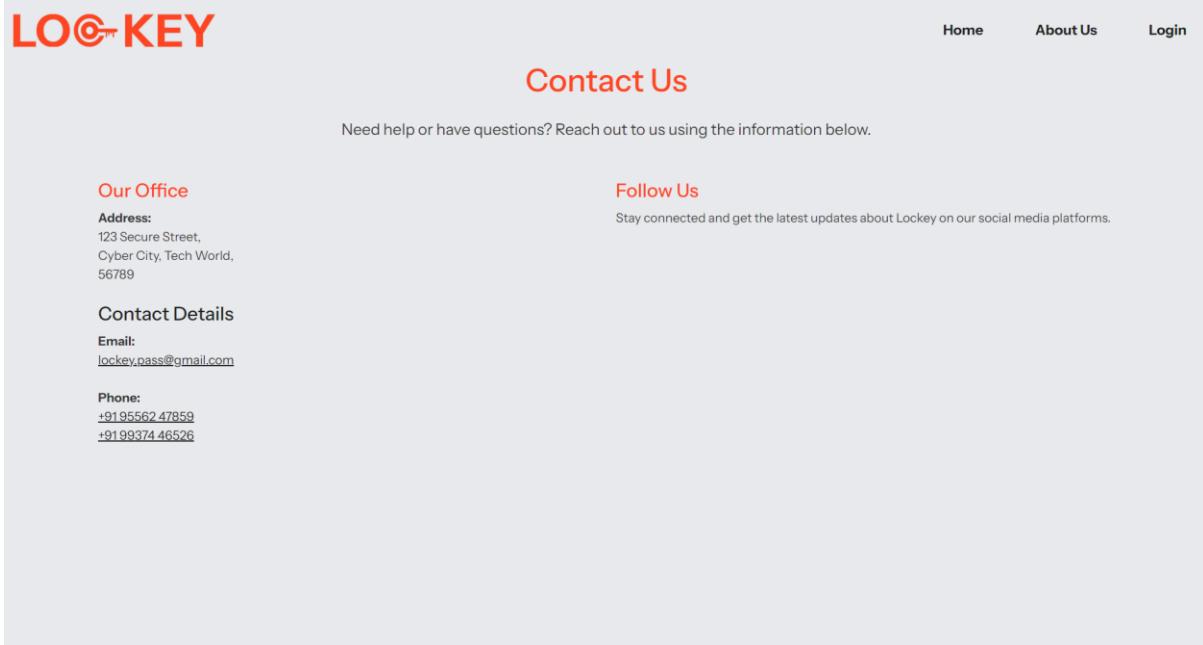
The screenshot shows the Lockey onboarding process. At the top, there's a navigation bar with 'About Us', 'Contact Us', and 'Login' links. The main heading 'LOCKEY' is in red. Below it, a large orange callout box contains the text 'Manage Your Sensitive Data with Ease'. Underneath, a smaller text block reads: 'Store and protect your passwords, Aadhaar details, and card information all in one place with Lockey. No more trying to remember multiple passwords or worry about losing track of essential information.' To the right, a 'WELCOME' section features the word 'WELCOME' in large letters where the 'O' is replaced by a red key icon. Below it, the text 'Manage your passwords at your convenience in a secure vault' is displayed. A prominent orange button at the bottom right says 'Get Started ➔'.

## About Us:



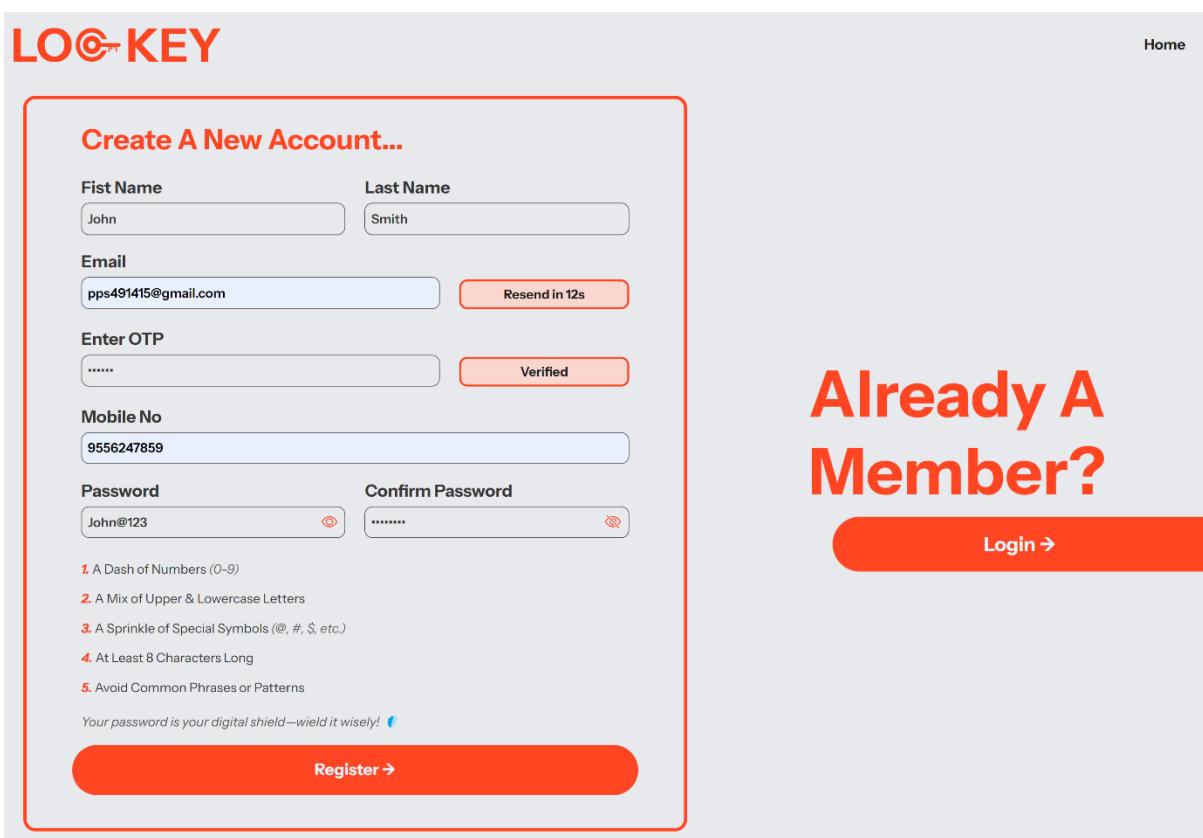
The screenshot shows the Lockey 'About Us' page. At the top, there's a navigation bar with 'Home', 'Contact Us', and 'Login' links. The main heading 'LOCKEY' is in red. Below it is a large red logo consisting of a stylized 'C' shape with a keyhole cutout. To the right, the heading 'About Lockey' is in red, followed by a paragraph of text: 'Lockey is your ultimate password manager, designed to keep your online presence secure while simplifying your digital life. With Lockey, you can generate, store, and manage all your passwords in one safe and convenient place.' Further down, another paragraph states: 'Our mission is to empower individuals and businesses to take control of their online security effortlessly. By using cutting-edge encryption technologies and user-friendly designs, we ensure that your data remains private and protected.' At the bottom, a section titled 'Why Choose Lockey?' lists three benefits: 'Unmatched Security' (your passwords are stored with top-tier encryption), 'Ease of Use' (an intuitive interface makes management hassle-free), and 'Seamless Integration' (compatible across devices and platforms). Each benefit has a small descriptive text below it.

## Contact Us :



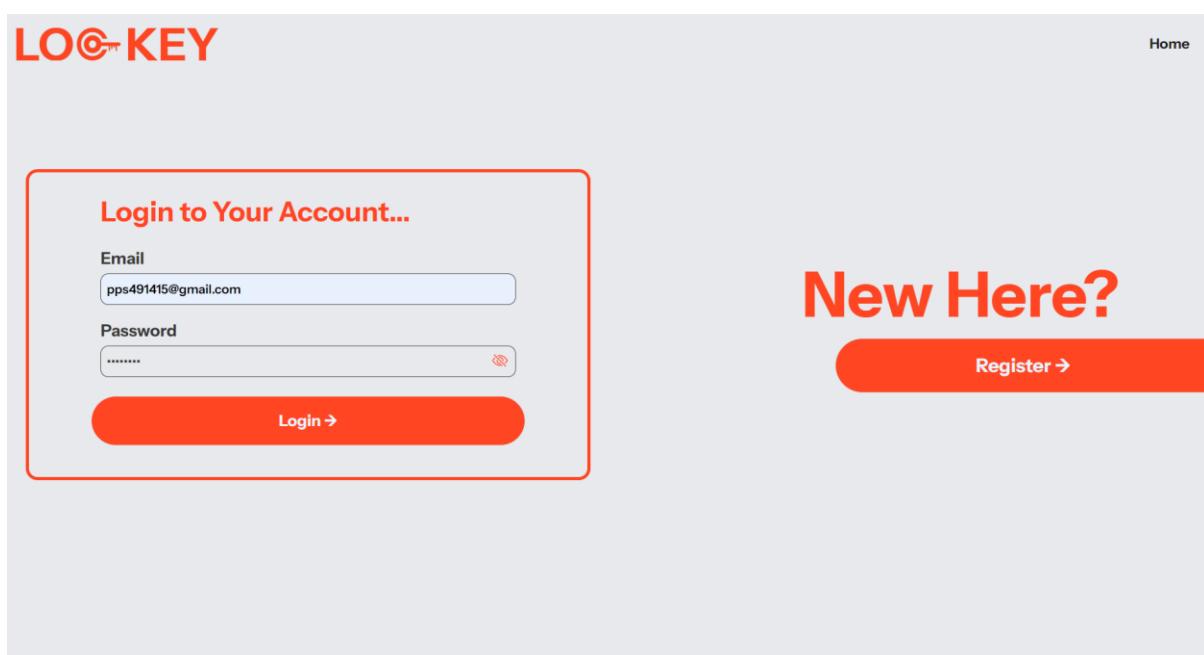
The screenshot shows the Lockey Contact Us page. At the top right are links for Home, About Us, and Login. The main title "Contact Us" is centered above a sub-headline "Need help or have questions? Reach out to us using the information below." Below this are two columns: "Our Office" with address details and "Follow Us" with social media links. The "Our Office" section includes an email link ([lockey.pass@gmail.com](mailto:lockey.pass@gmail.com)) and two phone numbers ([+9195562 47859](tel:+919556247859) and [+9199374 46526](tel:+919937446526)).

## Registration

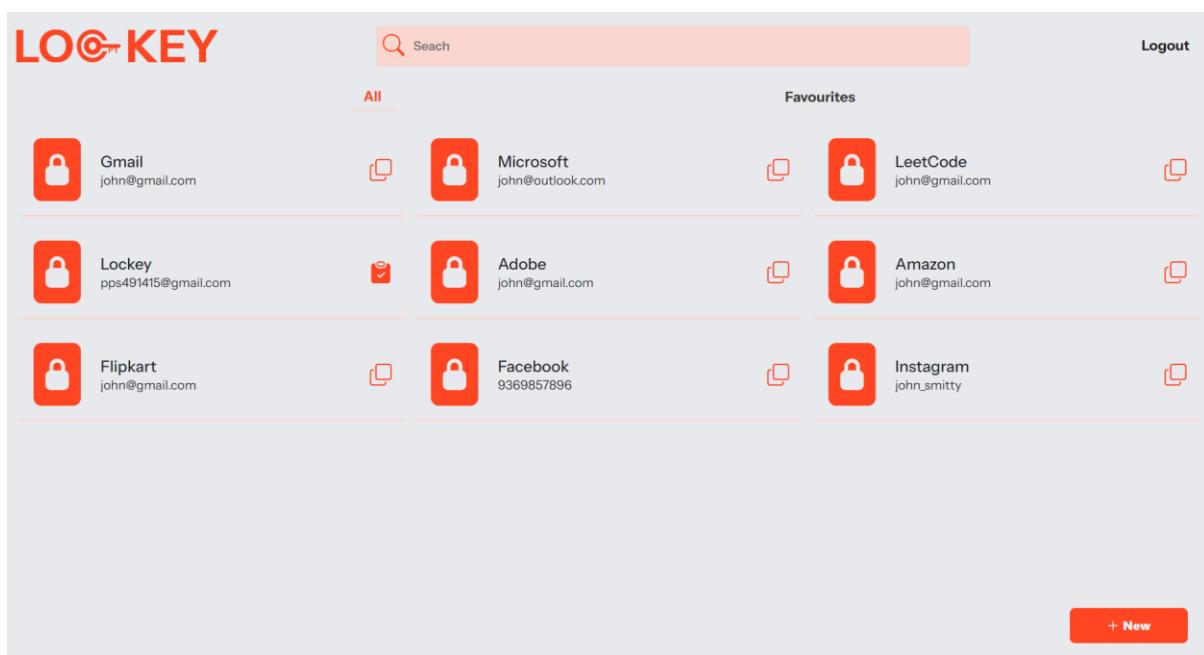


The screenshot shows the Lockey Registration page. It features a "Create A New Account..." form on the left with fields for First Name (John), Last Name (Smith), Email (ppsl491415@gmail.com), Enter OTP (.....), Mobile No (9556247859), Password (John@123), and Confirm Password (.....). Below the form are five password strength rules. To the right, a large red button says "Already A Member?" with a "Login →" link.

Login:

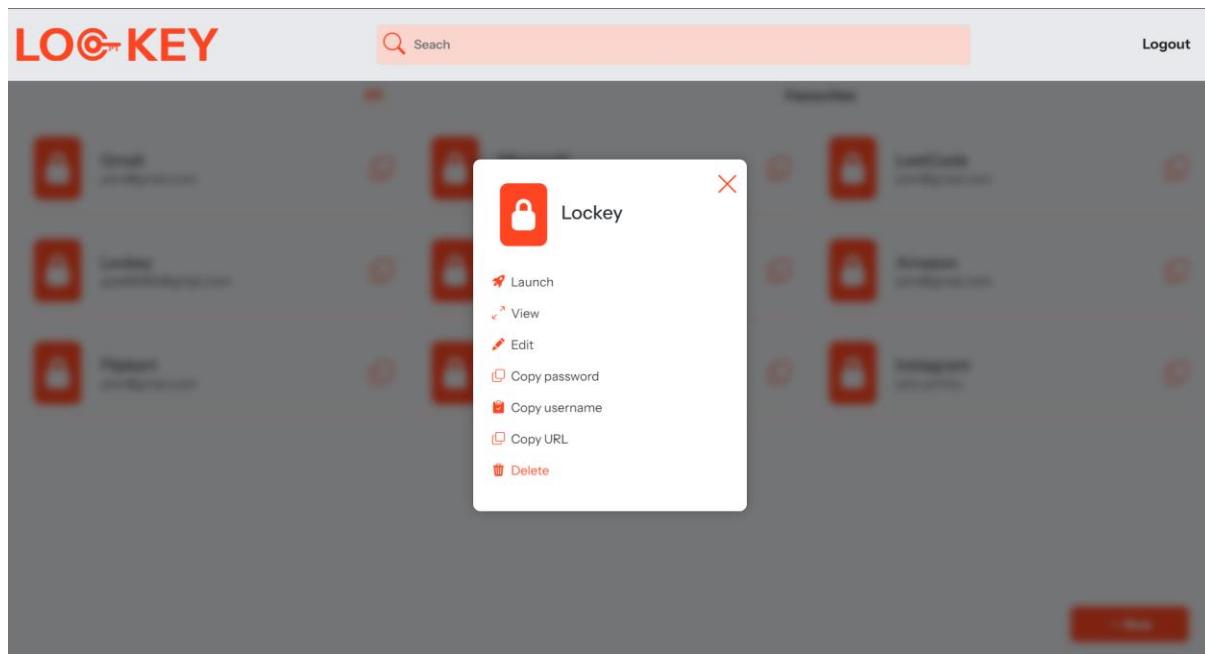


Homepage :

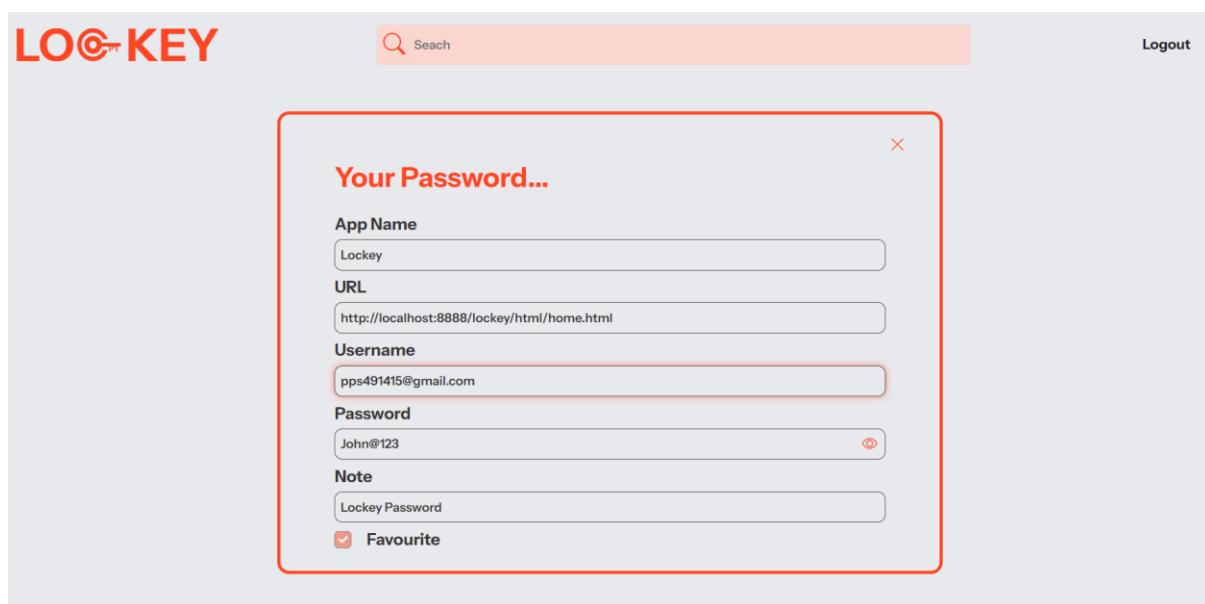


The image displays the Lockey homepage. At the top left is the Lockey logo. A search bar with a magnifying glass icon and the word "Search" is positioned at the top center. On the far right, there is a "Logout" link. Below the header, there are two tabs: "All" (underlined) and "Favourites". The "All" section contains a grid of icons representing various services: Gmail (orange lock), Microsoft (orange lock), LeetCode (orange lock), Lockey (orange lock), Adobe (orange lock), Amazon (orange lock), Flipkart (orange lock), Facebook (orange lock), and Instagram (orange lock). Each service entry includes its name and email address. The "Favourites" section is currently empty. At the bottom right of the page, there is a red "+ New" button.

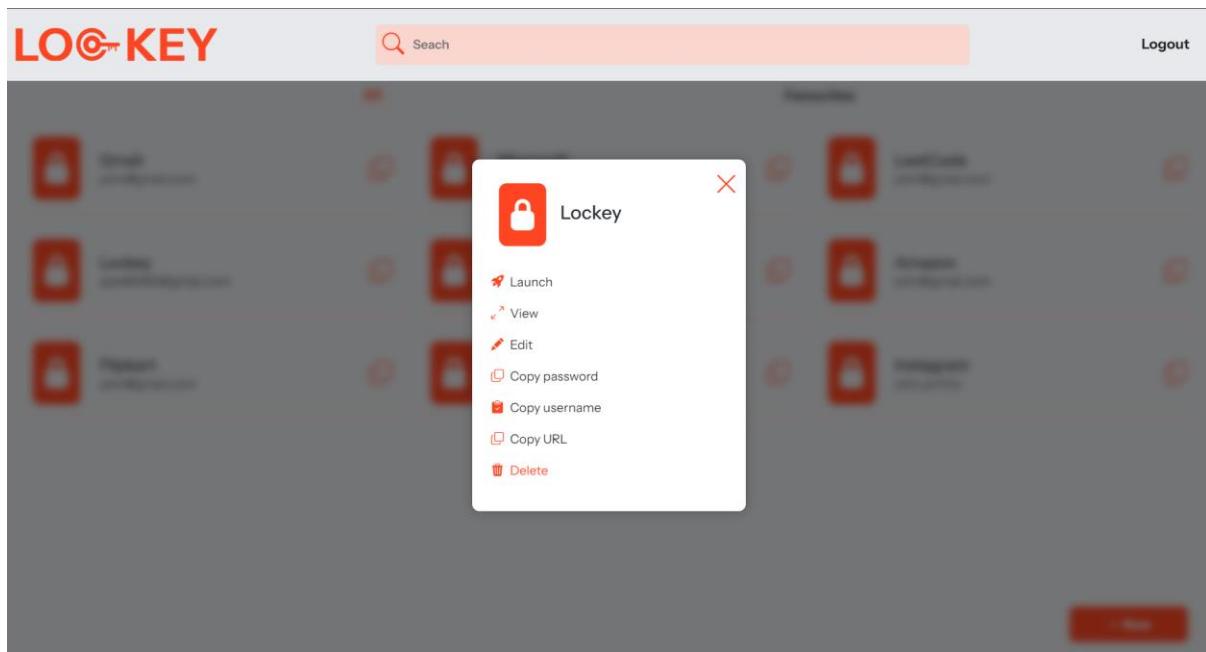
**Password Details:**



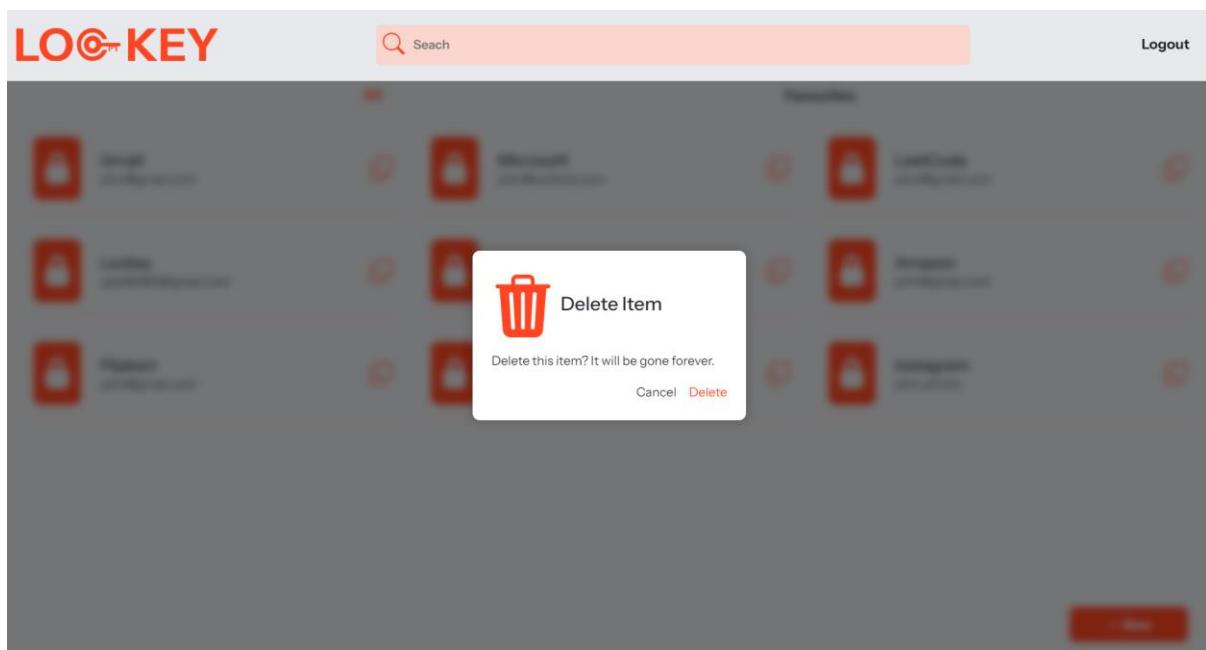
**View Password:**

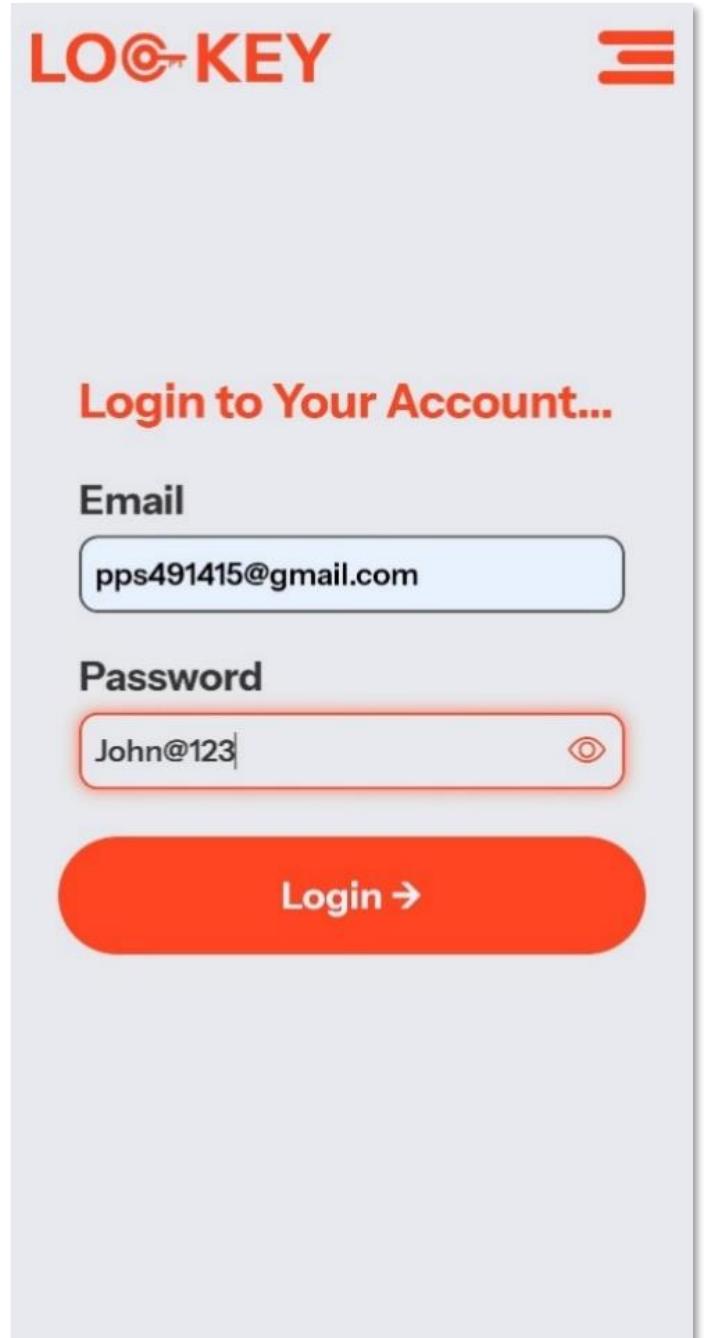


**Edit Passwords:**



**Delete Password:**





# LOCKEY

## Create A New Account...

Fist Name

Last Name

Email

Send OTP

Enter OTP

Verify

Mobile No

Password

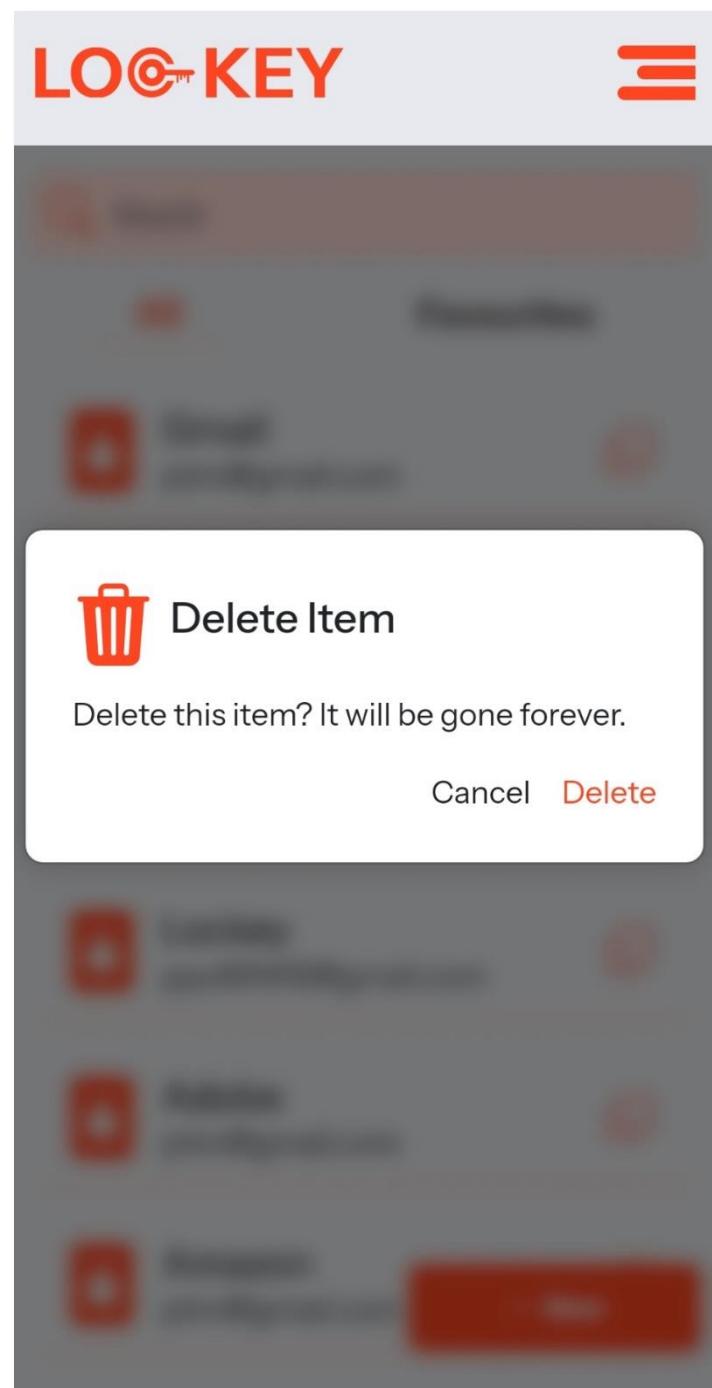
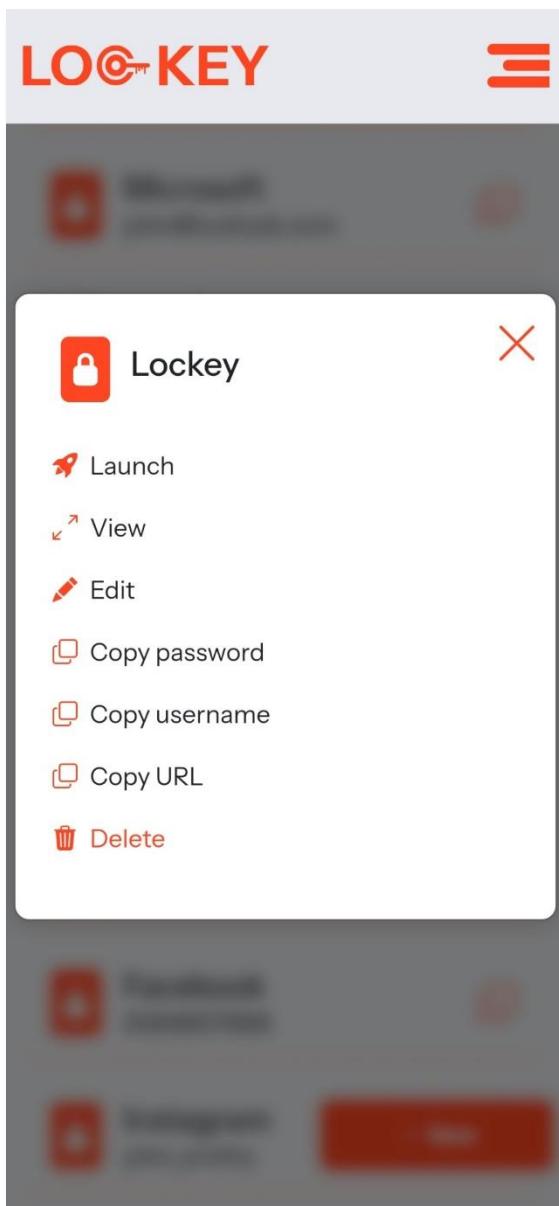
Confirm Password

1. A Dash of Numbers (0-9)  
2. A Mix of Upper & Lowercase Letters  
3. A Sprinkle of Special Symbols (@, #, \$, etc.)  
4. At Least 8 Characters Long  
5. Avoid Common Phrases or Patterns

Your password is your digital shield—wield it wisely! 🛡️

Register →

| LOCKEY                                                                                                            |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Search                                                                                                            |                                                                                       |
| All                                                                                                               | Favourites                                                                            |
|  Gmail<br>john@gmail.com       |  |
|  Microsoft<br>john@outlook.com |  |
|  LeetCode<br>john@gmail.com    |  |
|  Lockey<br>pps491415@gmail.com |  |
|  Adobe<br>john@gmail.com       |  |
|  Amazon<br>john@gmail.com      |  |
|  Flipkart<br>john@gmail.com    |  |





Search



## Your Password...

### App Name

Lockey

### URL

http://localhost:8888/lockey/html/h

### Username

pps491415@gmail.com

### Password

.....

### Note

Lockey Password



Favourite



Search



## Update password...

### App Name

Lockey

### URL

http://localhost:8888/lockey/html/h

### Username

pps491415@gmail.com

### Password

.....

### Note

Lockey Password



Favourite

Update →

