

Password Managers

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Why A Password Manager

- **YOU** do not have to remember long list of passwords
 - You **only** have to remember the “*Master Paassword*”
- Every site can use a unique password
- **Saves** your passwords and **Logs You In automatically.**
- Fills long Web forms (including Credit Card Info) with one click.
- **Encrypts** your passwords for **complete security.**
- **Generates** random/secure passwords to defeat hackers
- **Backs up** passwords, copies them between Devices.
- **Mobile Device-friendly:** sync your passwords to IOS, Android and others
- **Browser Neutral:** works with Internet Explorer, Chrome, Firefox and Safari

Why am I Teaching LastPass and DashLane

- I have Given Several Presentations in the Past on LastPass
 - Students reported that they were having difficulties using LastPass and it did not always recognize password fields.
- I Tried DashLane and found that it was:
 - Easier to Use
 - Recognized web site key fields better
 - Worked better on my Apple Devices

Last Pass Site Login - 1

- When you navigate to a sign in site which you have set up in LastPass
 - If you selected Auto Login
 - The sign in fields are highlighted
 - They are filled out and the login is initiated

Sign in to Gmail with your
Google Account

name: 

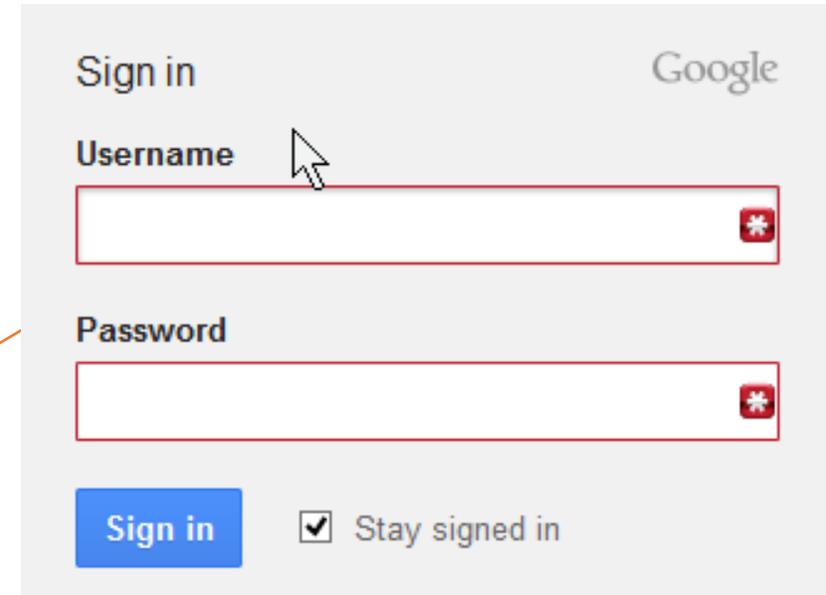
word: 

Stay signed in

 LastPass is currently logging you in. Submitted the form, waiting for the response.

Last Pass Site Login - 2

- When you navigate to a sign in site which you have set up in LastPass
 - If you Did Not select Auto Login
 - The sign in fields are highlighted
 - Right Clicking on a field produces this menu

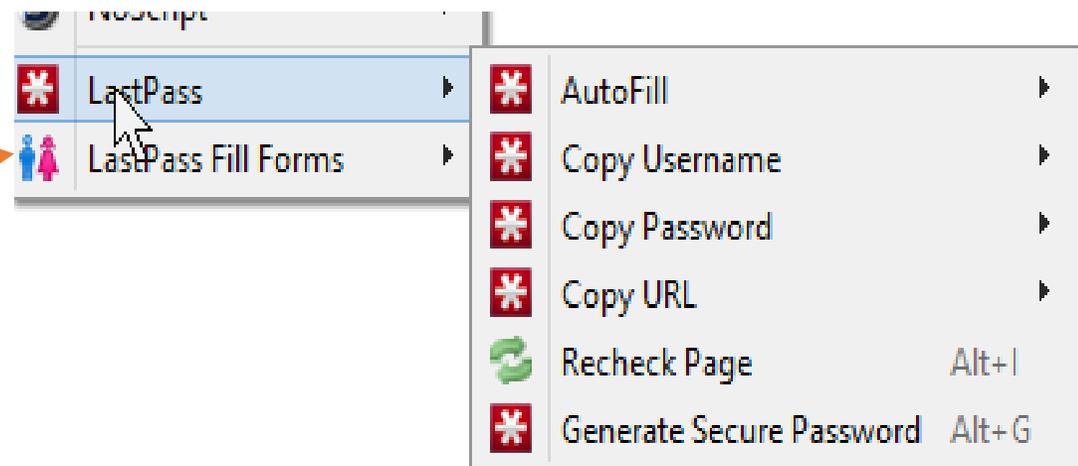


Sign in Google

Username

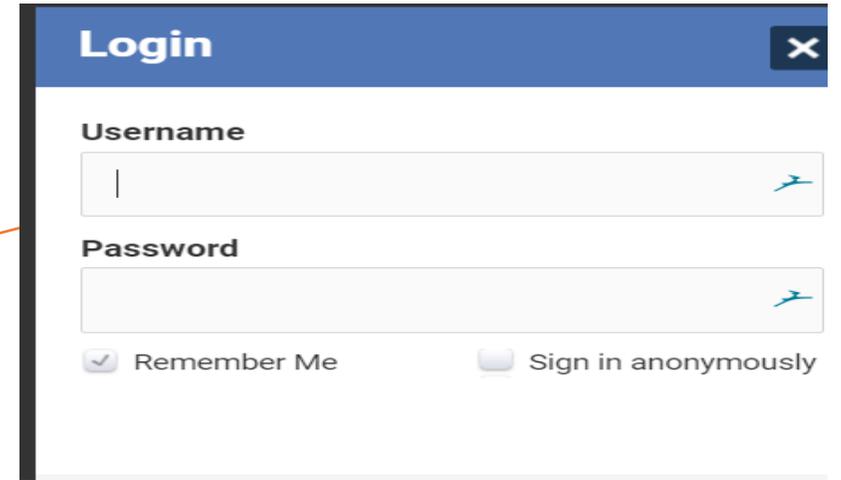
Password

Stay signed in

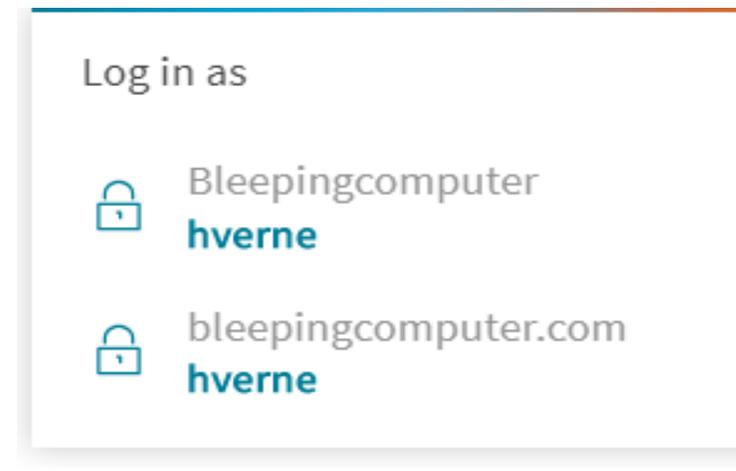


DashLane Site Login - 1

- When you navigate to a sign in site which you have set up in DashLane
 - The sign in fields are highlighted
 - Right Clicking on a field produces this menu

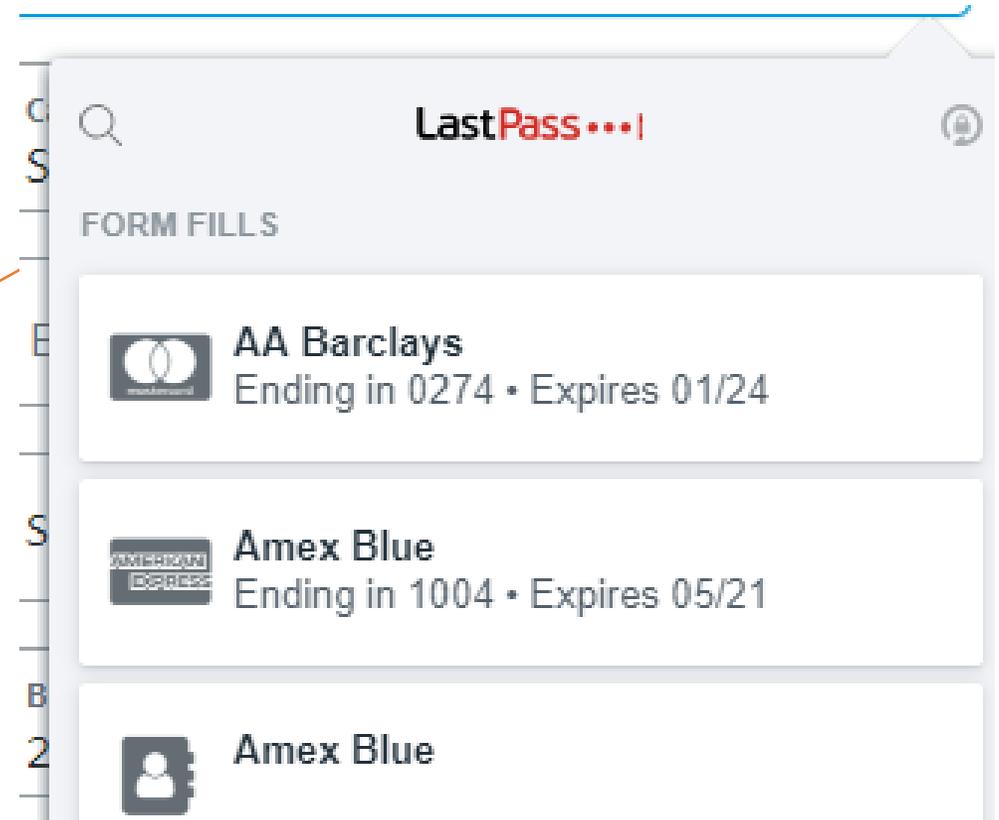


A screenshot of a login form titled "Login" in a blue header bar. The form contains two input fields: "Username" and "Password". Both fields are highlighted with a light blue border. Below the fields are two checkboxes: "Remember Me" (checked) and "Sign in anonymously" (unchecked). A small blue icon is visible in the bottom right corner of each input field.



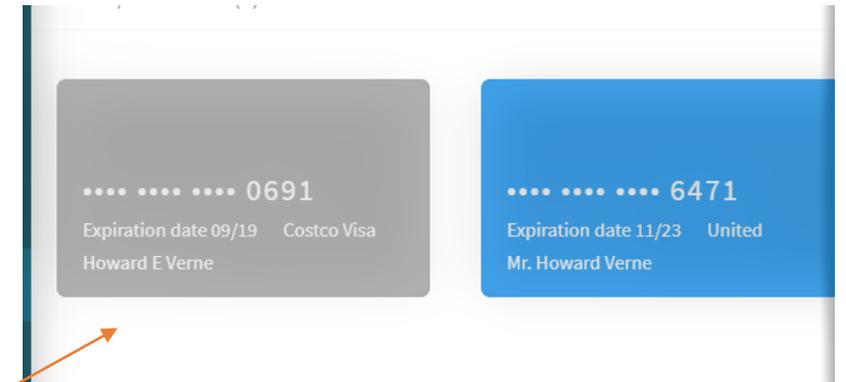
Filling Out Credit Card - LastPass

- When wish to Fill Out Credit Card Info in a site which you have set up in LastPass
 - Click on the Field Asking for Card Number
 - Select Desired Card and LastPass will fill out the remaining Fields



Filling Out Credit Card - DashLane

- When wish to Fill Out Credit Card Info in a site which you have set up in DashLane
 - Click on the Field Asking for Card Number
 - Select Desired Card and DashLane will fill out the remaining Fields



Adding a Site

- Automatically Saving A Site

- The easiest and best way to add new sites to LastPass is to simply go to the site and login as you normally would. LastPass will present you with the following

✦ Should LastPass remember this password?

Save Site

Never For This ...

Not Now

x

- When you press the Save Site button, LP will pop the 'Save LastPass Site' dialog:
- AutoLogin
 - Automatically fill out forms and log in user

Add LastPass Site

LastPass ****

Name
facebook.com

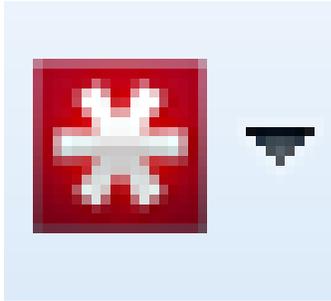
Group

Make This a Favorite

Require Password Reprompt

AutoLogin

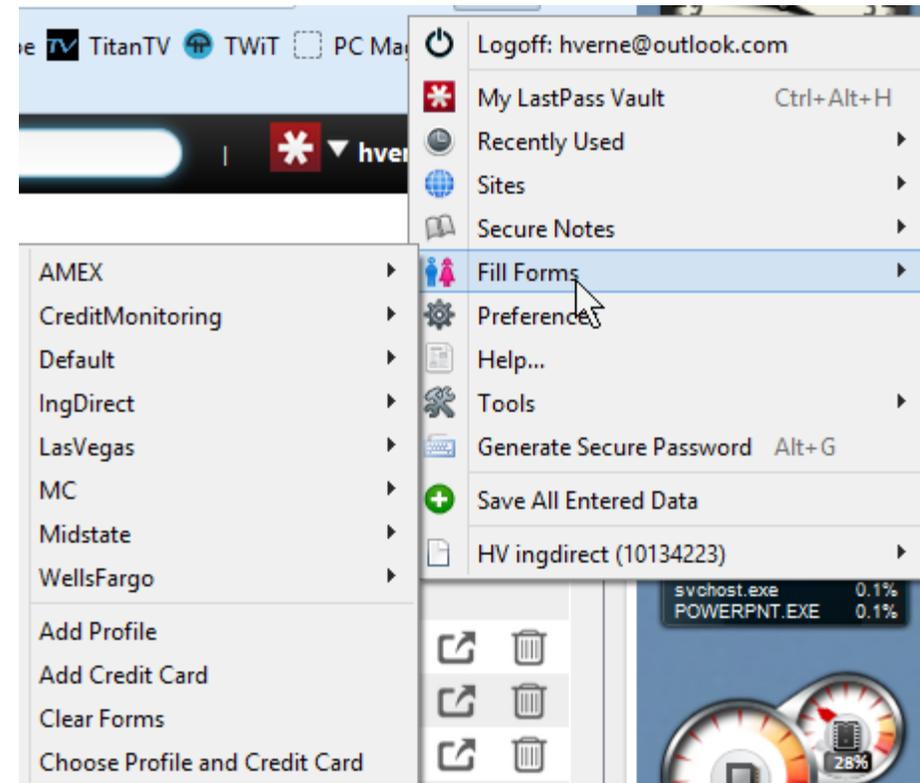
Save Site No Thanks

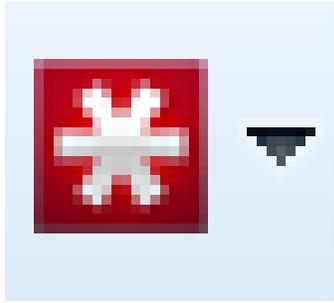


LastPass in IE/Firefox

Left Click Menu

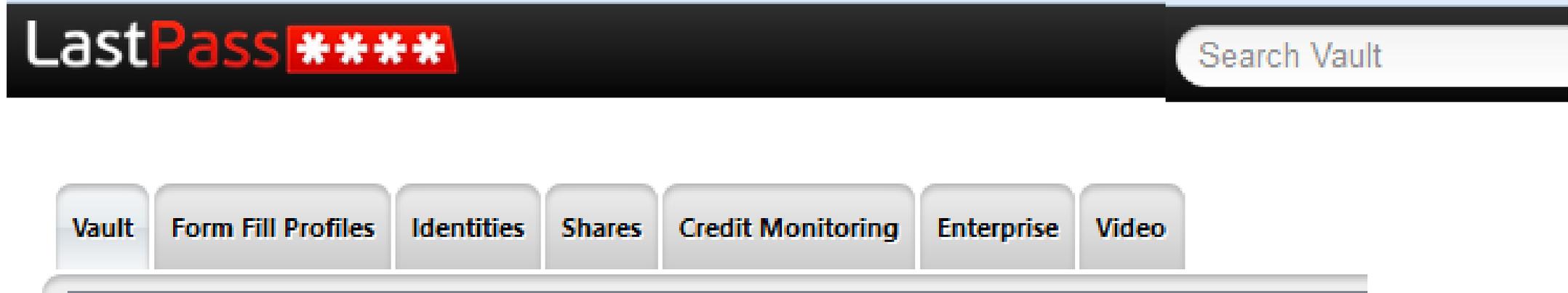
- Left Click Menu



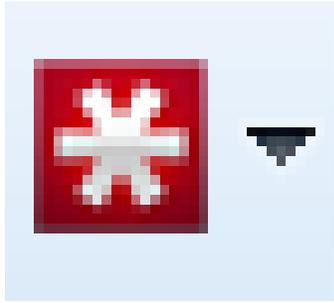


LastPass in IE/Firefox

LastPass Vault



- Vault
 - Passwords and login Links
- Profiles
 - Personal and Finance information
- Identities
 - You can separate work and personal data



LastPass in IE/Firefox

LastPass Vault

LastPass ****

Vault

Form Fill Profiles

Identities

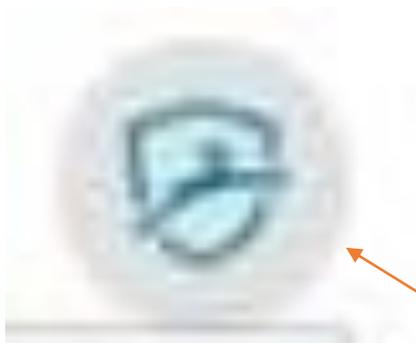
Shares

Credit Monitoring

Enterprise

Video

- Shares
 - Share sites securely from your vault with other LastPass users!
- Credit Monitoring
 - Extra cost feature
- Enterprise
 - For Business Users
- Video - Tutorials

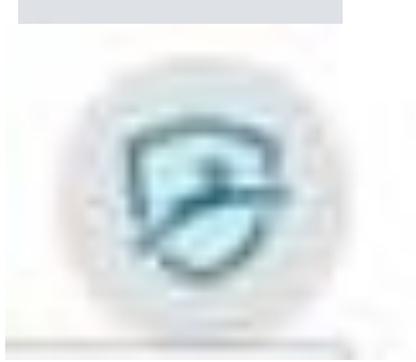


DashLane in Chrome

Right Click Menu

- Right Clicking on DashLane Icon opens a new tab with the DashLane Web Site

Name ▲	Login	Category	Last Used
12 127.0.0.1	hverne	Other	Not used
17 17119745-G9..gd..	17119745	Other	Not used
17 17119745-gd	17119745	Other	Not used
pulse 192.168.1.1	admin	Other	Not used
pulse 192.168.1.1	admin	Other	Not used
PayPal 192.168.86.1	hverne	No category	3 days ago



DashLane in Chrome

Left Click Menu

- Left Click on DashLane Icon and Select “This Website”

A screenshot of a web browser showing the Edward Jones online access page. The browser's address bar displays the URL: https://accountaccess.edwardjones.com/ca-rogon/rogon.action. The page header includes navigation links for Casinos, Cloud, Discount, DiscountTix, Domains, and Insurance. The main content area features the Edward Jones logo and the tagline "MAKING SENSE OF INVESTING". Below the logo, there is a "Welcome to Online Access" section with input fields for "User ID:" and "Password:", a checkbox for "Save user ID on this device", and a "Log In" button. A "Forgot user ID or password?" link and "Online Access Security" link are also visible. On the right side, the DashLane menu is open, showing options for "Vault", "This website", and "Generator". The "This website" option is selected. Below the menu, there are sections for "Accounts (2)" listing "eviescayan" and "HVERNE", and radio buttons for "This page only" and "This entire website". At the bottom of the menu, there are three radio button options: "Fill forms and login info" (selected), "Fill login info only", and "Disable Dashlane".

Changing to a Secure Password - 1

- When you launch the 'Change password' page. When you focus on the 'old password' field by clicking on it, LastPass should prompt you with a notification. Select Fill Current

 **If you're creating an account or changing your password, hit generate to create a unique, secure password with LastPass.**

Fill Current (2)

Generate

Never For This ...

X

- After clicking 'Fill Current' and autofilling the password, you can then click 'Generate' to create a random, unique password:



Changing to a Secure Password - 2



- Select Generate to enter the generated password twice
- Now click 'Save' to submit the changes to the website. After clicking Save, LastPass will prompt you to either 'Confirm' or 'Save New Site'



LastPass detected a password change for domain: google.com

Confirm

Save New Site



LastPass Vault -1

The screenshot displays the LastPass Vault interface. On the left is a dark sidebar with navigation options: Collapse, All Items, Passwords (selected), Notes, Addresses, Payment Cards, Bank Accounts, Driver's Licenses, Passports, Social Security Nu..., Insurance Policies, Memberships, Wi-Fi Passwords, Email Accounts, Security Challenge, Sharing Center, Emergency Access, Manage Family, Account Settings, and More Options. The main area has a red header with 'LastPass' and a search bar 'search my vault'. Below the header, the 'Passwords' section is active, showing 'Favorites (9)' and '(none) (460)'. A grid of password entries is visible, each with a 'Launch' button, an IP address, and a username. The entries include: 127.0.0.1 hverne, 192.168.1.1 admin, 64.107.228.42 hverne, 64.107.228.42 - 2 hverne, Access to CIMA cima.computer... hverne, mozilla account.services.moz hverne, Airlink101 192.168.1.110 admin, and Airlink101 192.168.1.1 admin.

← Collapse

🏠 All Items

🔒 **Passwords**

📄 Notes

👤 Addresses

💳 Payment Cards

🏦 Bank Accounts

🚗 Driver's Licenses

🌐 Passports

⚖️ Social Security Nu...

☔ Insurance Policies

📄 Memberships

📶 Wi-Fi Passwords

✉️ Email Accounts

🛡️ Security Challenge

👤 Sharing Center

🚗 Emergency Access

👤 Manage Family

⚙️ Account Settings

⋮ More Options

LastPass ... | 🔍 search my vault

Passwords

Favorites (9) ▶

(none) (460) ▼

Launch

127.0.0.1
hverne

192.168.1.1
admin

64.107.228.42
hverne

64.107.228.42 - 2
hverne

Access to CIMA cima.computer...
hverne

mozilla
account.services.moz
hverne

Airlink101 192.168.1.110
admin

Airlink101 192.168.1.1
admin

LastPass Vault -2

- You can edit/correct Vault Entries

Edit password  

URL:

Name:  **Folder:** 

Username:  **Password:**  

Notes: 

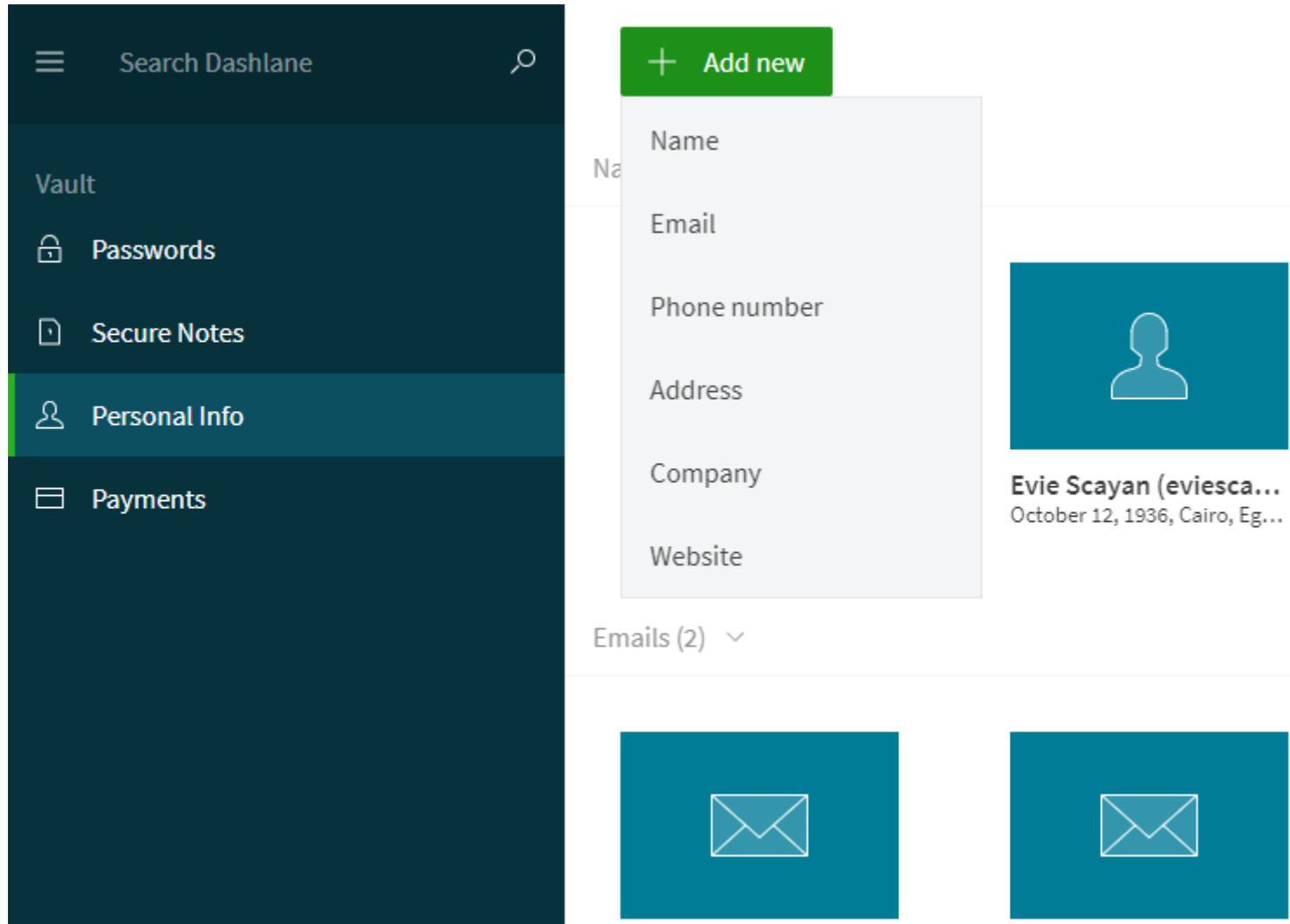
Advanced Settings:

Require Password Reprompt Autologin Disable AutoFill

DashLane Vault

- You can add/edit/correct Vault Entries



DashLane Vault

- Password Entry

2b 2brightsparks

Email	Add email...	
Login	hverne	
Secondary Login	Add secondary login...	
Password	Show Copy
Website	http://2brightsparks.co...	
Name	2brightsparks	
Category	Business	▼
Note	Add a note...	
More options ^		
<input checked="" type="checkbox"/>	Always log me in to this website	
<input type="checkbox"/>	Always require Master Password	
<input type="checkbox"/>	For this subdomain only	

DashLane Costs

dashlane

Select your plan: FEATURES PLANS BUSINESS LOG IN [Get Dashlane-It's Free](#)

Free

\$0

Manage up to 50 passwords and autofill all your personal information on your favorite device, free for life.

[Get Free](#)

- ✓ Store up to **50 passwords**
- ✓ Dashlane on **one device**
- ✓ Instant form and payment autofill
- ✓ Security alerts

[Learn more >](#)

Most popular Premium

\$4.99 /MO

billed annually

Manage unlimited passwords on unlimited devices, plus Dark Web Monitoring and secure VPN.

[Get Premium](#)

- ✓ **Unlimited** password storage
- ✓ Passwords and data automatically **synced across devices**
- ✓ Instant form and payment autofill
- ✓ **Dark Web Monitoring** with personalized security alerts
- ✓ **VPN** for safe, private connection on unsecure WiFi networks
- ✓ Secure storage for sensitive files

[Learn more >](#)

Premium Plus

\$9.99 /MO

billed annually

Get added protection with credit monitoring and up to \$1 million in **Identity Theft Insurance**.

[Get Premium Plus](#)

- ✓ **Unlimited** password storage
- ✓ Passwords and data automatically **synced across devices**
- ✓ Instant form and payment autofill
- ✓ **Dark Web Monitoring** with personalized security alerts
- ✓ **VPN** for safe, private connection on unsecure WiFi networks
- ✓ Secure storage for sensitive files
- ✓ Real-time **credit monitoring**
- ✓ **Identity restoration** support
- ✓ Up to **\$1 million in Identity Theft Insurance** coverage

1

LastPass Costs

FREE:

One User

PC Only

No Online Encrypted Storage

No Sharing

No Emergency Access

	Premium	Families
Monthly Price	\$3	\$4
Users	1 user	6 users
A vault for every user	✓	✓
Access on all devices	✓	✓
One-to-one sharing	✓	✓
Save & fill passwords	✓	✓
Password generator	✓	✓
Secure notes	✓	✓
Security challenge	✓	✓
Multi-factor authentication	✓	✓
LastPass Authenticator	✓	✓
One-to-many sharing	✓	✓
Emergency access	✓	✓
Advanced multi-factor options	✓	✓
Priority tech support	✓	✓
LastPass for applications	✓	✓
1GB encrypted file storage	✓	✓
6 Premium licenses	-	✓
Family manager dashboard	-	✓
Unlimited shared folders	-	✓

Password Manager Summary

- Last Pass
 - Download https://lastpass.com/misc_download.php
 - \$36/Yr: Versions for Mobile Devices
 - Free: No Mobile devices
- DashLane
 - Download <https://www.dashlane.com/download#downloaded>
 - \$60/Yr: Versions for Mobile Devices
 - Free: No Mobile devices
- 1 Password \$36/Yr
 - <https://1password.com/families/>
 - IOS, Android, Windows, Mac

Password Manager Summary

- Keeper \$30/Yr
 - <https://keepersecurity.com/personal.html>
 - Win, Mac, IOS, Android
- Roboform \$19.95/Yr
 - <http://www.roboform.com/>
 - Win, Mac, IOS, Android
- Sticky Password \$24.99/Yr
 - <http://www.stickypassword.com/>
 - Win, Mac, IOS, Android, purchased MP3 files stored for free.

Password Manager Reviews

- PC Magazine <https://www.pcmag.com/roundup/300318/the-best-password-managers>
- CNET <https://www.cnet.com/news/the-best-password-managers-directory/>
- PC World <https://www.pcworld.com/article/3207185/best-password-managers-reviews-and-buying-advice.html>
- Consumer Reports <http://www.inc.com/magazine/201303/john-brandon/review-password-management-tools.html>