

# Split

## User Documentation

### Overview:

Split is a web application used to manage and distribute bills among bill members. Split easily allows user to create a bill and split the amount evenly or to user preference. Bill members then can pay the bill through the Split web application with a Venmo payment account.

### Installation :

- Web server can be run on Windows, Mac OS X, and Unix system. The required tool are needed for the set up the server
  - node.js
  - mongodb
  - npm (node package manager)
  - bower
- Run **npm install** and **bower install** in the server root directory to install the required front and backend package.
- To start the server run the command **npm start** or **node server.js**
- Access the the web application in any browser with <http://localhost:8080>


### Features:

- Login/Logout/Signup
  - (2) As a user I want to be able to register so that I can use the application
- Dashboard/Profile
  - (1) As a user I want a dashboard so I can see all of my bills
  - (3) As a user I want a dashboard so I can navigate the application
- Friend List
  - (2) As a user I want to have a friends list to make a payment group
  - (2) As a user I want to be able to add friends to the bill so they can pay me
- Create Bills
  - (2) As a user I want to be able to create even split bill so I can get my money
  - (2) As a user I want to be able to create custom split bill so I can get my money
- Pay Bills/Venmo Integration
  - (5) As a user I want to be able to be able to make payments so I don't owe money

## User Guide:

### 1. Create an account

[Split Home](#) [Profile](#) [Create Bill](#)



# Signup

**First Name**

**Last Name**

**E-mail**


**Username**

**Password**

Already have an account? [Login](#)

### 2. Login with username and password and add Venmo account

[Split Home](#) [Profile](#) [Create Bill](#)



# Login

**Email**

**Password**

Need an account? [Signup](#)

Or go [home](#).

venmo

V

Let **Split**  
access your profile, access your email address,  
access your phone number, access your current  
balance, make payments.

Log in with your Venmo credentials

email, phone, or username

password

Allow

Deny

[Sign up with Venmo](#)

### 3. Profile Page

Split Home

Profile

Create Bill

Bills to pay

Bills I created

Bills I paid

Create Bill

Friends (0 new requests)

Profile

First Name: Kevin  
List Name: Haung  
Username: khaung  
Password:  
\$2a\$08\$DhGJg8gV0iZ0PFds9b4NORNKwKZxO6HF90leWGVl333l.wrAO/fhC  
Email: khaung@split.com  
Id: 54693687b5adfd1c2580a141  
Friends: "jcheun" "echu"  
Friend Requests:  
Requested Friend:  

Add Friend

Add

Delete Friend

Delete

Owned Bills:  
Charged Bills:  

Logout

Friend Request

Bills Owned

Bills Charged

#### 4. Add Friend

- Click on Friends button

Create Bill

Friends (0 new requests)

- Input friend username and click add

#### add a friend

Add

- Accept friend by clicking the accept button next to their username

#### friend requests

khaung 

accept

- Create a bill by clicking the Create Bill button and fill out the form with bill information

Create Bill

Subject/Description

Ammount

People to charge

echu x

jcheun x

Add a tag

echu

jcheun

Create Bill

Cancel

6. To view bills you created click on the Bills I Created button and select a bill to view more information.

### Bills I Created

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**Amount:** \$30.00  
**Creator:** khaung  
**Debtors:**  
Ephriam Chu - \$15.00 [UNPAID]  
Jesse Cheun - \$15.00 [UNPAID]

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OK

7. To pay a bill click on Bills to Pay button, select bill you want to pay, and click Pay Bill

### Pay Bill

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**Amount:** \$30.00  
**Creator:** khaung  
**Debtors:**  
Ephriam Chu - \$15.00 [UNPAID]  
Jesse Cheun - \$15.00 [UNPAID]

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Pay BillCancel

9. To view all bills you have paid click the Bills I Paid button and select a bill for more information.

### Paid

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**Amount:** \$30.00  
**Creator:** khaung  
**Debtors:**  
Ephriam Chu - \$15.00 [PAID]  
Jesse Cheun - \$15.00 [UNPAID]

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OK