

Listr

D. FISHER EVANS

DATABASES - MAY 2014



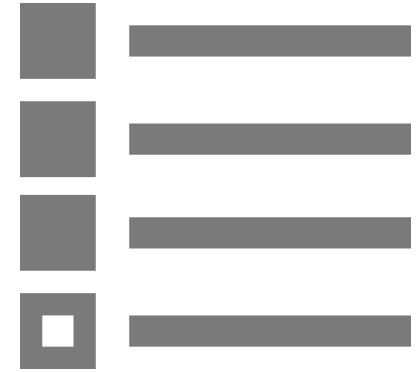
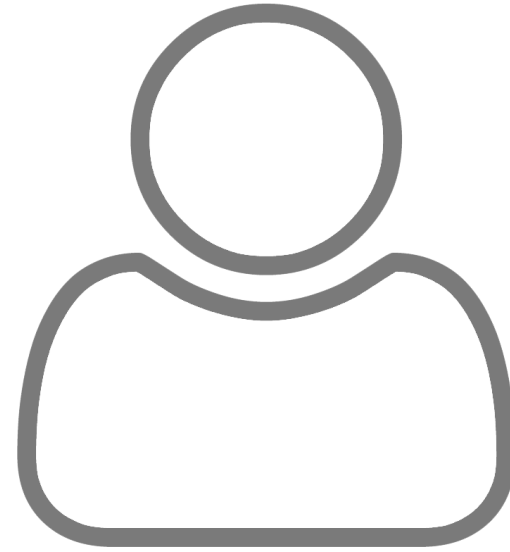
What is Listr?

- CREATE, UPDATE AND MANAGE ITEMIZED CHECK-LISTS
- SHARE YOUR LISTS WITH YOUR FRIENDS

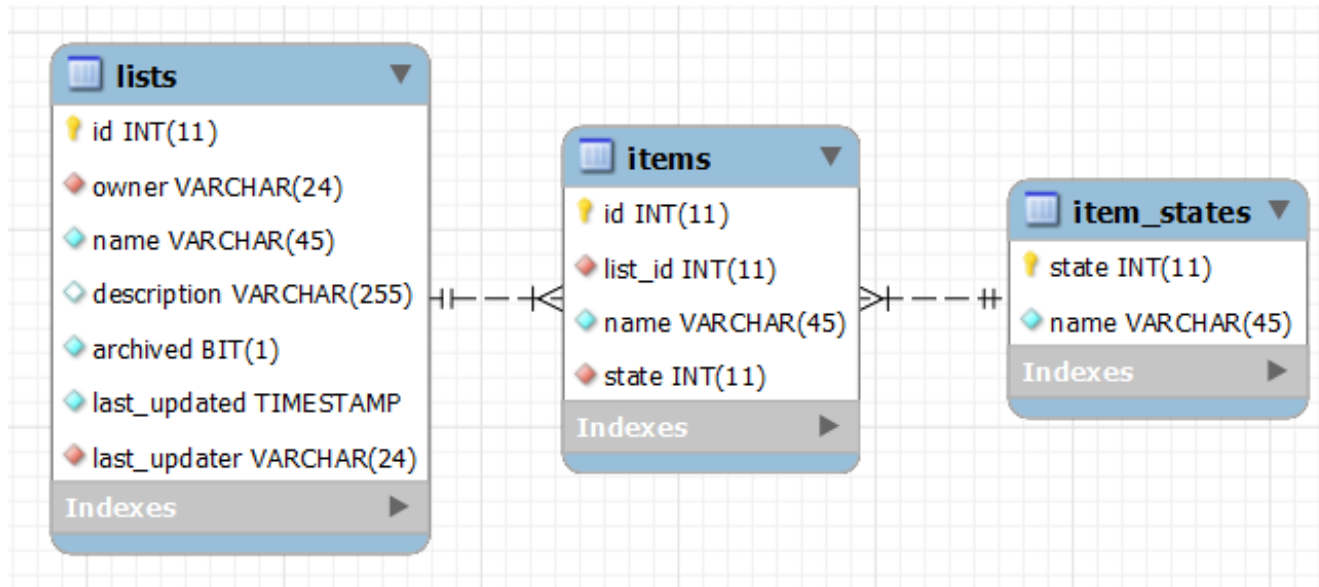


Two Core Components

- LISTS + ITEMS
- USERS + FRIENDS



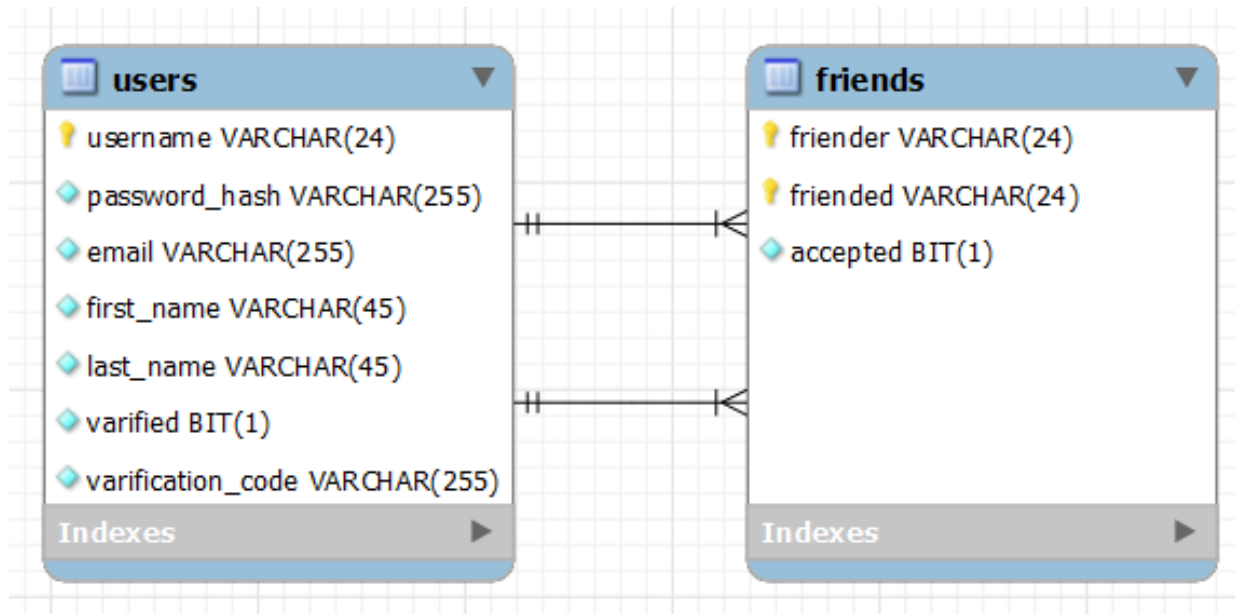
Lists and Items



Lists Have:

- An Owner
- Archived Flag
- Items
 - Items belong to States
 - Un-checked
 - Checked
 - Archived (In History)
- Meta-Data
 - Name
 - Description

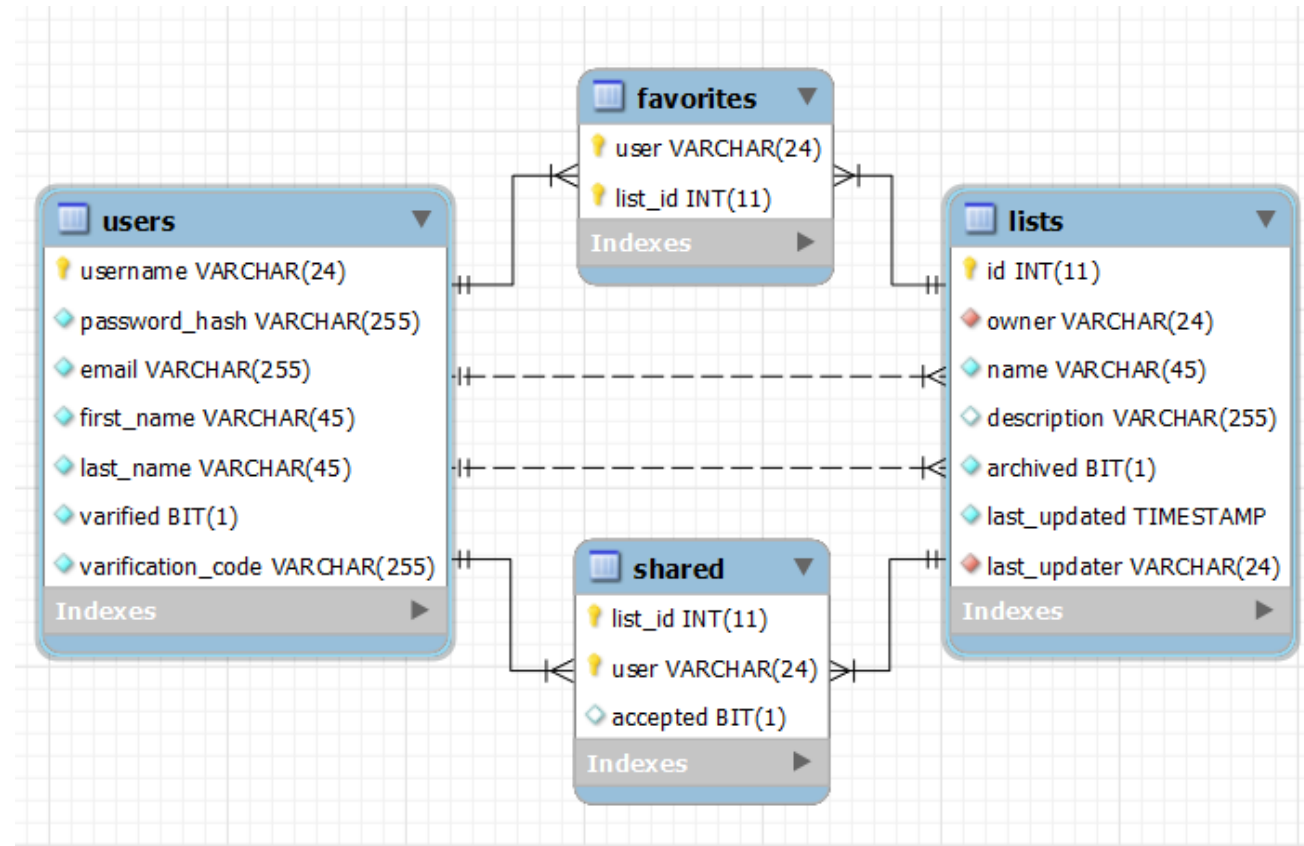
Users

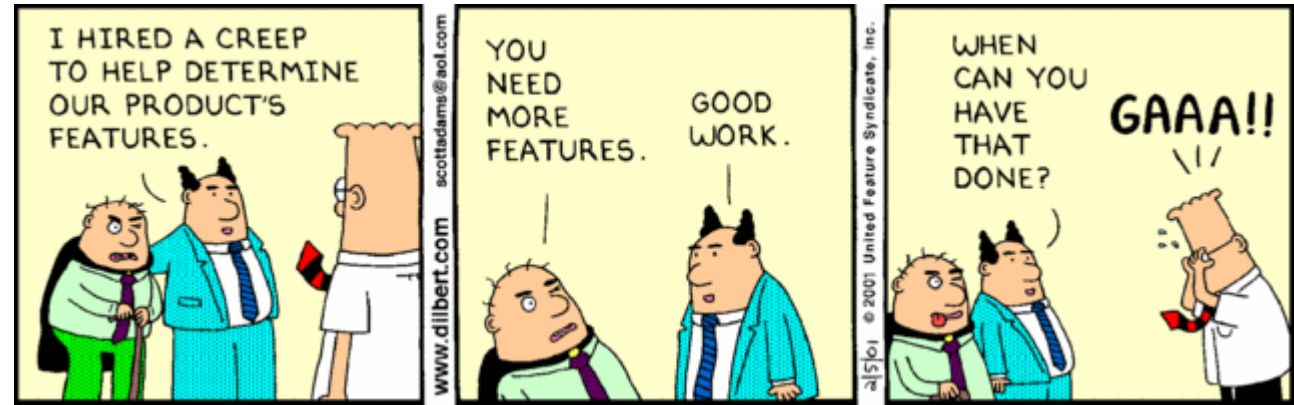


Users Have:

- Username
- Password Hash
- Many Friends
- Meta-Data
 - Email
 - First and Last Name

Connecting the Two





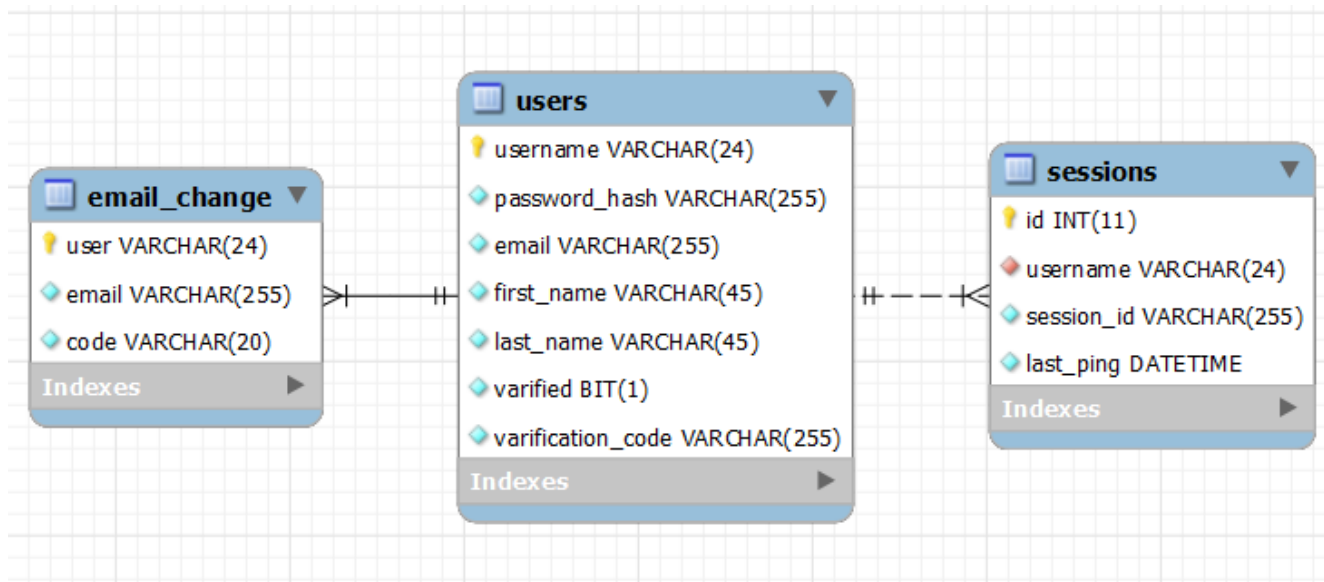
Feature Creep

“...THE ONGOING EXPANSION OR ADDITION OF NEW FEATURES...”

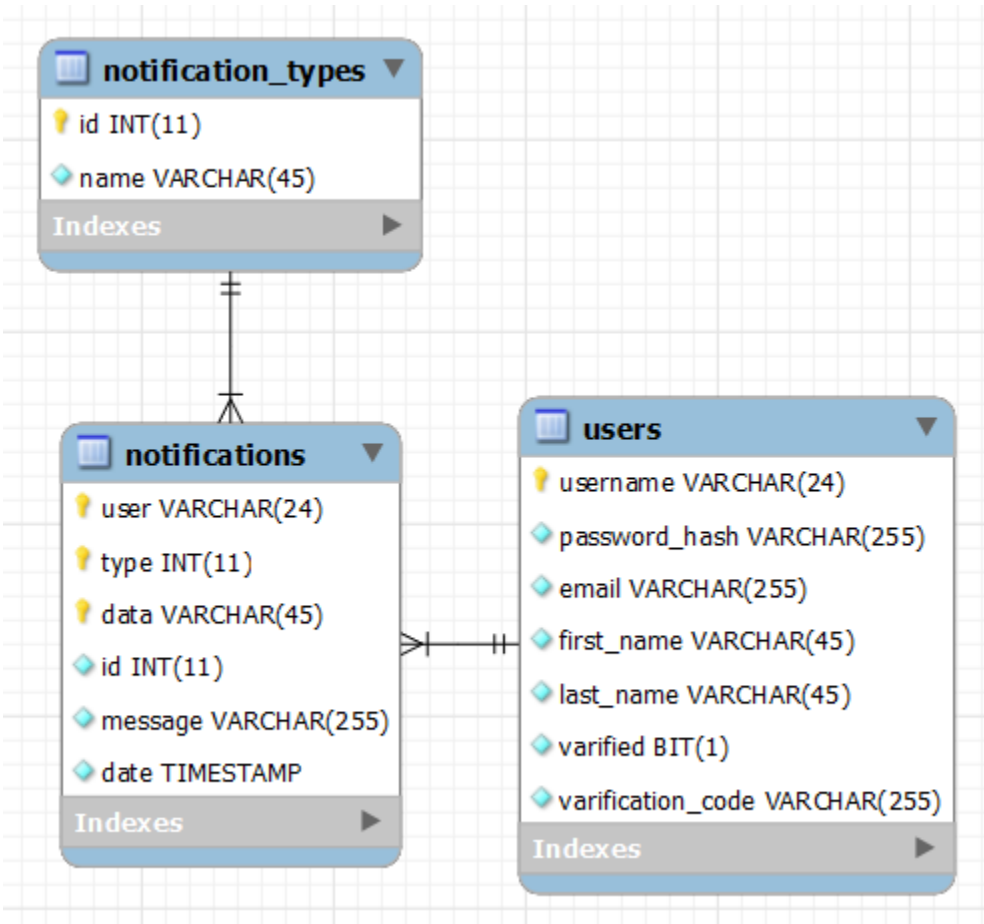
-WIKIPEDIA

User Sessions and Email Changes

- Sessions are used for authentication
 - Somewhat redundant with PHP
- New emails need to be verified with a code

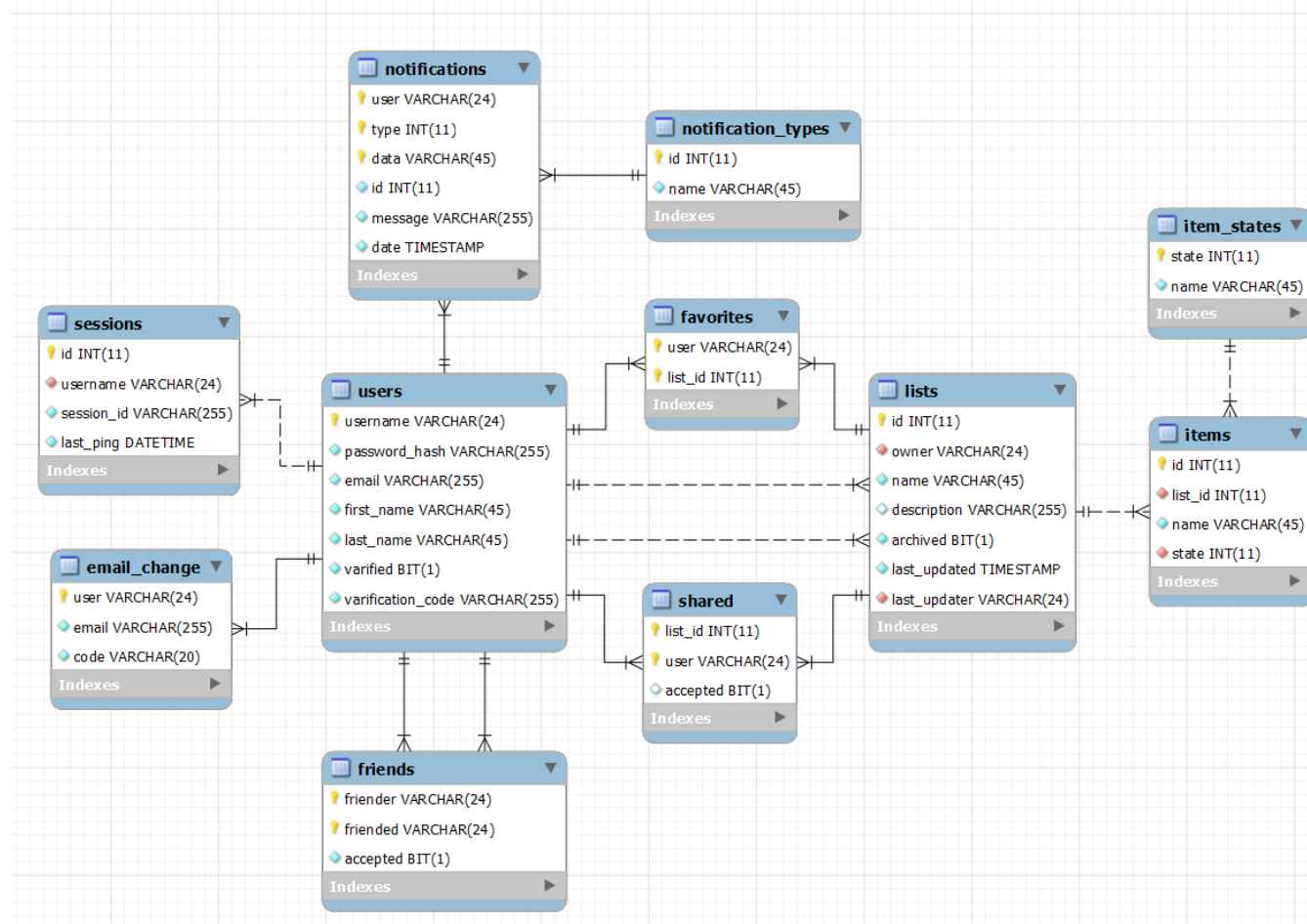


Notifications



- Notifications just inform the user, they offer no other functionality
- Notifications have a type
 - List renamed
 - List Removed/Archived/Lost Access
 - “Sharee” Unshared a List
 - Unfriended
- Three primary keys
 - The user
 - The type
 - Data (list ID, friend)

The Big Picture (11 Entities)





The GUI



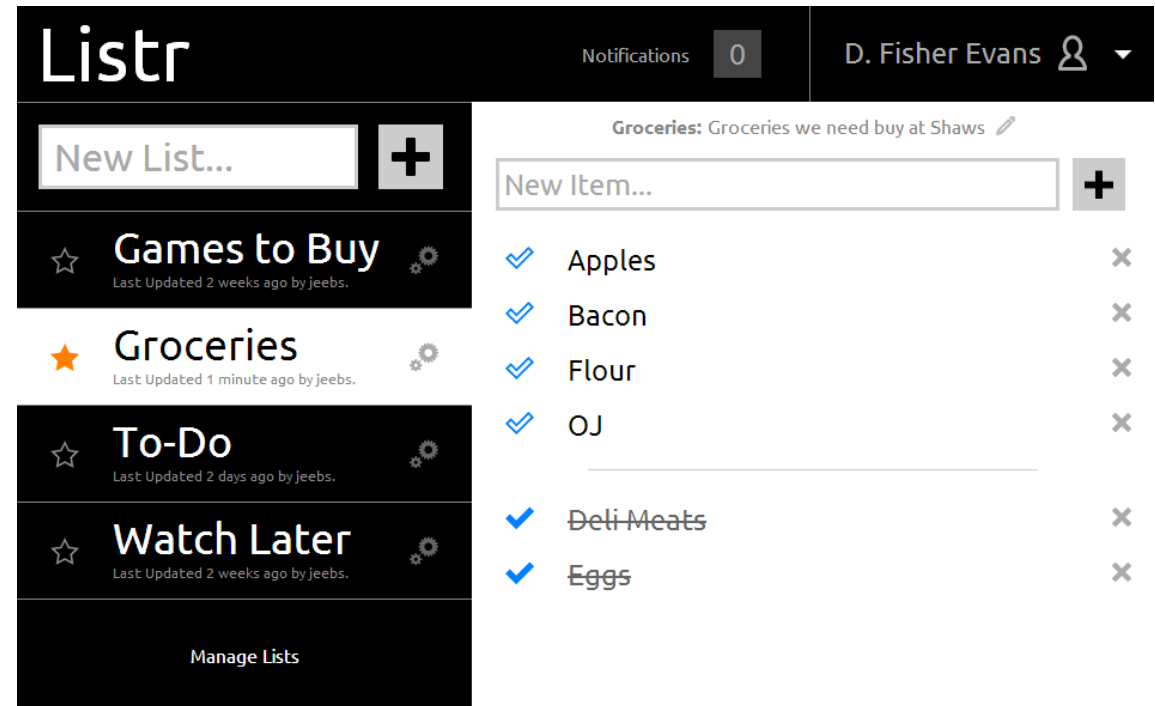
- PHP TO CREATE A RESTFUL API
- HTML/CSS/JS TO CREATE A FRONT-END
- BUILT FOR HTTPS

Demo

[HTTP://LISTR.FISHEREVANS.COM](http://listr.fisher-evans.com)

IT'S LIVE, TRY IT OUT

(IT'S NOT USING HTTPS LIKE IT SHOULD)



Fin.
