

# Traditional Web Sites

Browser



Request index.html

Send index.html

Request contactus.html

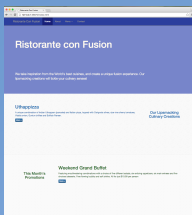
Send contactus.html

Server



# Single Page Applications

Browser



Request Web Application

Send Web app and Assets

User clicks on link, new Request

Respond with JSON data

Server



# What is Single Page Application?

- Web application or web site that fits in a single page
  - No need to reload the entire page
  - UX like a desktop/native application
  - Most resources are retrieved with a single page load
  - Redraw parts of the page when needed without requiring a full server roundtrip

# Challenges in SPA

- Search engine optimization
- Partitioning the responsibility between client and server
- Maintaining history
- Analytics
- Speeding up the initial page load