Tweety

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Overview

Client	Server	Database
1. Input Fields	1. Submit	• SQL queries
2. Nearby Feed	2. Load	
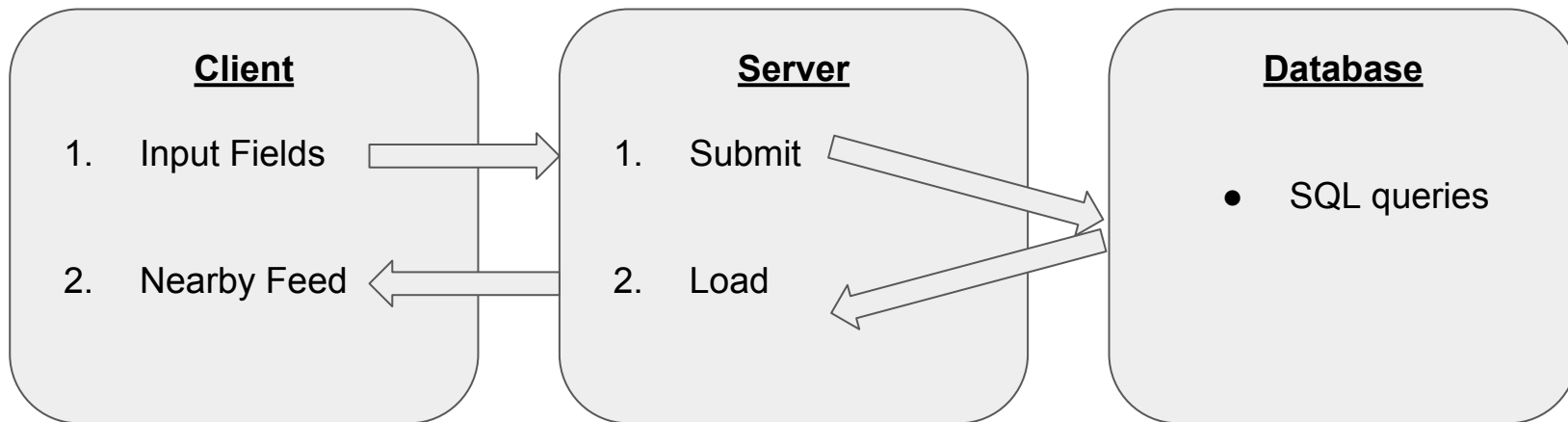
Client Side

- 3 Sections
  - Zip Code
    - Using geolocation api, grab zip code
  - Submit Tweets
    - Takes name, text. Submits to corresponding zip's tweets
  - Load Tweets
    - Grabs corresponding zip's tweets

Data Base

```sql
CREATE TABLE `cs275`.`project` (
  `id`      INT UNSIGNED NOT NULL AUTO_INCREMENT,
  `poster`  VARCHAR(16)          DEFAULT NULL,
  `message` VARCHAR(140) UNIQUE,
  `zipcode` CHAR(5)      NOT NULL DEFAULT 10000,
  `ts`      TIMESTAMP(0) NOT NULL DEFAULT CURRENT_TIMESTAMP,
  PRIMARY KEY (`id`),
  UNIQUE INDEX `id_UNIQUE` (`id` ASC)
)
  ENGINE = InnoDB
  DEFAULT CHARACTER SET = utf8;
```

Server Side

- Post Requests
  - Get Zipcode
  - Get Strings
  - Put Strings
- Google API
- Auto reconnect to SQL

Challenges

- Scope
- Time constraints
- Changes to project idea
- Project management

Demo

http://goo.gl/zbcGqv