Milestone 3

Wed Feb 17 (125 points)

1. Set up a POST handler in your `SparkDemo` class to handle incoming SMS messages from Twilio, as demonstrated in our session on 11 February. Get it to work with your own Twilio account, phone number, and an ngrok tunnel.

2. In class, we also collected ideas about the data model. I'd like you to try to implement the four main tables we identified using SQL.

   Within IntelliJ, create two SQL files and store them in the `resources` folder (but **not** within `templates`). One should be called `model.sql` and contain the CREATE TABLE statements to set up all the tables.

   The other should be called `sample.sql` and contain several INSERT statements to set up a sample user and a poll with some choices, and maybe some votes.

   You should copy and paste your SQL into the H2 console to make sure it runs without errors. As a reminder of some of the SQL syntax, here are sample creation and insert statements for the table we used in Milestone 2:

```sql
create table user
  ( id       int primary key auto_increment
  , username varchar(45) not null
  , email    varchar(128)
  , joined   timestamp default now()
  );

insert into user (username) values
('alice'),
('bob'),
('devi');

insert into user (username, email) values
('chris', 'league@example.com`);
```

   In addition to the features you see there (such as `primary key`, `auto_increment`, `not null`, `default`, and `now()`) you should consider how to set up **foreign key** attributes:

```sql
  user_id   int not null references user(id)
```