

## Sprint 1 Report

### Accent

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#### **Actions to stop doing:**

- Attempt training a parse tree model on CFG - too time consuming and labor intensive.
- Django backend - too unintuitive with a large learning curve

#### Actions to start doing:

- Research the viability of n-gram models for corrections.m
- Web2py backend, includes RESTful API
  - Being taught in 183, team members are also in

#### Actions to keep doing:

- Meeting 3x a week after class
- Discussing what was done/needs to be done

#### Work completed/not completed:

- Voice synthesis

#### Work completion rate:

##### User stories for sprint 1:

- As a user, I want the app to be able to recognize what I'm saying.
- As a user, I want the app to be able to synthesize my speech.
- As a user, I want to be able to create an account.
- As a developer, I want to understand the NLTK API and techniques for statistical parsing.

##### Total # of user stories completed: 3

- Voice recognition
- Account creation
- NLTK API and techniques

##### Total # of estimated ideal work hours completed:

- 5 hrs for account creation
- 12.5 hrs for understanding NLTK API and techniques
- 3 hrs for voice recognition
- 2 hrs for setting up front end/UI