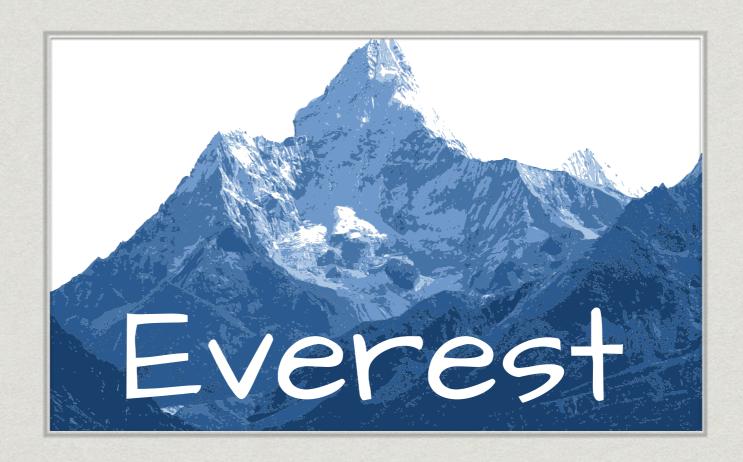


TEAM 36: EVEREST

SPRINT 1 PRESENTATION

Team 36: Everest

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- * Evan Palmer esp@



Everest: Background



http://www.post-gazette.com/newimmigrants/2014/09/12/ Pittsburgh-s-new-immigrants-Refugees-from-Nepal-enroute-to-Pittsburgh/stories/201409120077

- Pittsburgh is home to about
 5,000 Bhutanese Nepali refugees.
- * Refugees receive free ESL classes, but many Bhutanese students either don't attend class or attend and make very little progress.
- * The least fluent students are generally older adults with very low educational attainment. Most are illiterate in their native Nepali.

Everest: Background

- * Existing Englishlearning tools are inaccessible to these students, since they generally require native language fluency.
- * Most low-attainment students aren't practicing English outside of class.



duolingo.com

Everest: Background



- * During Mini 1, Marjorie took 15-302 Innovating for Underserved Communities: Field Research Basics
- * Her group's final project was a proposal for a website to facilitate the creation of Nepali–English audio lessons.
- * Local ESL teachers and bilingual Bhutanese youth could use this website to upload audio sentences, which would be automatically interleaved to create downloadable mp3.
- * Our website is based on this proposal.

Everest: Models

- * Everest has three intended users: ESL teachers, Bhutanese translators, and (the family and friends of) ESL students who want to download materials.
- * To create a lesson, ESL teachers will create a **list** of sentences that they create or find.
- * They will also upload **English audio** of the sentence.
- * Translators will upload a written translation of the sentence in Nepali and Nepali audio of that sentence.

Everest: Goals for Sprint 1

- * Registration + authentication by email
- * Login and logout pages
- * "View sentence" and "view list" pages
- * "Create/edit list" page, including the ability to create a new sentence.
- * "View all sentences" and "view all lists" pages

Everest: view-sentence

Find a sentence

Find a list

Find a user

Teacher tools

Sentences needing written translation

Sentences needing audio translation

Translator tools

drop-downs -->

Add new list View my lists

Sentence #42

This is a sentence in English.

[This is a sentence in Nepali.]
[This is a slightly different Nepali sentence.]

Add new translation <-- only viewable to translators (pops up text box)

English audio

Record new audio <-- only viewable to teachers

Nepali audio Another Nepali audio Record new audio --- only viewable to translators

Add this sentence to your list

<-- only viewable to teachers pops up dialogue box with all your existing lists in it. Lists containing this sentence:

Login/Logout

- Stacey's list
- Sentences about vegetables
- Grocery shopping
- Shopping sentences
- George's list
- The joys of rutabagas

Everest: view-list

Find a sentence

Find a list

Find a user

drop-downs -->

Teacher tools

edit only viewable to owner

Add new list Sentence View my lists written tra

Sentences needing written translation

Sentences needing audio translation

List owner: Freida Smith

Translator tools



Login/Logout

Freida's List

This is a sentence in English.

This is another sentence in English.

Each one links to its sentence page.

Download mp3 of this list

Everest: edit-list

Find a sentence

Find a list

Find a user

Teacher tools

Sentences needing written translation

Translator tools

drop-downs -->

Add new list View my lists

Sentences needing audio translation

List owner: Freida Smith



Login/Logout

- Freida's List
 - X This is a sentence in English.
 - X This is another sentence in English.
 - X Each one links to its sentence page.

Add sentence here

<-- text box

Generate mp3

<-- button

Everest: Progress So Far

Progress

- * Planned out users types and workflow.
- * Decided on data models.
- * Made wireframes.
- * Created Django project.

Problems

- * Difficult to make key decisions (like project name) without consulting with prospective users.
- * Haven't worked out how to coordinate course GitHub repository and Heroku deployment repository.

Everest: Future Goals

- * Delete sentence
- * Record audio
- * Create mp3
- * Bulk download audio recordings
- * Create and view user profiles; upload user pics
- * Search for sentences, lists, users
- * Receive an email when a sentence needs translation