

**Sprint Planning Document (Sprint 3)**

**Sprint Goal Backlog (Sprint 3)**

April 4, 2023 – April 25, 2023

Ethan Schillinger, Henry Schenck, Joe Vossel

**High-level Project Overview**

**Project Mission:**

* ~~Triolingo~~ FluencyForge strives to provide a simple and intuitive interface for language learners to practice their skills in an interactive and engaging manner.

**Problems We Are Solving:**

* Current language learning apps do not provide a means through which the user can practice forming their own ideas in their target language.
* Finding a language learning partner can be difficult due to differences in time zones and potential severe language barriers to the point which benefits are minimal for both parties.

**Project Overview (High-Level Features):**

* **Website:**
  + **Language Selection:** Users should be able to select both their native language and their target language (to be learned). The web app navigation will be loaded in the user’s native language, with the vocab/chat functionalities being displayed in the user’s target language.
  + **Unit Selection:** Users should be able to select a unit in which they would like to practice, designed around a particular subject/topic.
  + **Vocab Units:** There should be a list of words in the target language that are relevant to each particular unit.
  + **Quizzes:** Users should be able to test their progress with randomized quizzes on vocabulary and grammar learned in a particular unit.
  + **Speech Practice:** Being the core feature, users should be able to practice typical conversations in real-time, centered around a particular subject that pertains to the current unit.
  + **Grading**: With each message sent in conversation, the user should receive feedback concerning their spelling and use of grammar.
* **Backend Services**
  + **Data Persistence**: Session information will persist across various routes/web pages, so that the user does not have to re-select such information with each route that is visited.

**Sprint 3 Planning**

**Sprint 3 Goals:**

1. Finishing Touches
2. Dictionary/Vocab list finalization/touching up
3. Populate quiz/vocab units (ENG/RUS)
4. Implement API
5. General website design (homescreen, etc)
6. On-screen russian keyboard

**Sprint 3 Deliverables:**

* Finishing Touches**:**
  + **Assigned:** Ethan/Jacob/Joe
  + Any miscellaneous minor touch ups (catch all).
* Dictionary/Vocab list finalization/touching up
  + **Assigned:** Jacob
  + Individual unit vocab, global dictionary finished.
* Populate quiz/vocab units (ENG/RUS)
  + **Assigned:** Jacob/Ethan
  + Come up with more questions, vocab for units 2 and 3.
* Implement API
  + **Assigned:** Joe
  + Implement GPT API.
* General website design (homescreen, etc)
  + **Assigned:** Ethan/Jacob
  + Fill-in blank spots and extra information on website such as homescreen/unit intros.
* On screen russian keyboard
  + **Assigned:** Ethan
  + On screen-russian language keyboard for website.