Sprint Goal

- FIX EVERYTHING THAT CURRENTLY HAS ISSUES
- Email:
  - Email notifications for streaks ending
  - Email notification upon admin feedback
- Gameification
  - Leaderboard:
    - Add leaderboard page
    - Delete leaderboard sidebar
    - Pull top 10 from backend
    - Pull user information from backend
  - User:
    - Keep track of points
    - Set up point giving algorithm
    - Streaks
- User Management
  - Admin:
    - Save admin flag to browser settings when logging in
    - Direct admins that login to admin dashboard instead of homepage
  - All users:
    - Change create account page to require an email
    - Update db to store an email
- Other:
  - code execute and test linking
  - External DB

Team Capacities

- Kelly Vu
  - Base Hour: 15 🙄
  - Database Midterm, ML Project
- Eli
  - Base : 15
  - Perhaps more
- Jack
  - Base: 15
  - 2 exams but hours should be unchanged
- Will
  - Base: 15 hours
- Ryan
  - Base Hours: 15

- ○ not much

Planned User Stories

- Us-0.4 : question feedback
- Us-1.3: email notifs
- Task : sort topics / question types
- Us-3.4: user account administration finalized
- us-2.1 : sorting difficulty categories
- Task: setup external database
- Us-2.13: coding questions support
- TASK: External db
- US1.6: Admin dashboard button/verification

Other stuff:
User clocks

Improvements over sprint 3:

Continuing daily check ins
More consistent communication
Better branch based development
Always have a relevant person review your code
Fix branch naming - usX.X
Don't touch stuff if your name isn't on the trello unless you've talked to the people whose names are one the trello.

Pages:

Website theming will stay Green.

Leaderpage:

- Display username
- Streak, total correct answers (percent) , and questions answered (percentage; e.g. questions out of all lesson questions done.)

Homepage:

- Top green bar: Lesson title

- Back button: Shows all progress for lessons
- Circle: will become questions from lessons
- Remove all questions at bottom section
- Make center dark white, right bar lighter white, profile cards pure white

Settings:
- Receive notif toggle
- Font size adjust

Sidebar Nav

- Add leaderboard to bar
- Should the toggle mode have a toggle button?
    - tOGGLEdark should either be on very top or very bottom.
    - Highlight specific page button? On sidebar when on that page

Picobytes Store (monetization…?)

- Items:
    - memory leak - take points away from someone else
    - seg fault - locks someone out of account
    - skip question
    -

Current Issues:

- Leaderboard placement
- Questions aren't saved
- Login isn't verified
- Email notifs dont work
- Admin button is hidden unless you modify browser settings
- Lessons aren't handled
- True false question issues
- Potential code blocks and free response question problems

REFERENCES FOR WEB DESIGN (TAKE A LOOK):

📄 CS486 - Sprint 0