OnSchooler

Team #57

Introduction - OnSchooler

https://lessons.onschooler.com/

- The system was first tested for five years (2000-2005) in a private lab school
- Offers lectures, textbooks, worksheets, drill and practice, and quizzes
- Hands on learning which incorporates problem solving, teamwork, multiple subject areas, research, creativity, fun, and inquiry-based learning.
- The primary customers are home schooled students

Iteration Plan

Agile workflow

- Task tracking is recorded for each phase in github

- CEO Cynthia Fischer approves of improvements and oversees github tasks

Goals

- The OnSchooler website functionality improvements have been made (fix sign-in, broken links)

- The UI/UX is improved and more cohesive as a whole, and easier to read and understand

- Students: Needs minor improvements ex. Not letting them change score via URL (3 weeks)

- Lesson Writers: The system also needs a few upgrades, like better access to the lesson's sound and picture files, and some built-in supports (4 weeks)

- (Not a goal anymore) Learning Management System: A school administrator can create a school. Not sure if needed for the business anymore. Focusing more on Student improvements

Primary Technical Hurdles

- How to Install SQL Server on a Mac
    - Create a virtual machine
    - Run SQL Server on Docker
- Resuming sign in with Google account

Challenges

- How to look at that data by restoring or importing it to a local SQL Server.
  - Download SQL Server 2019 Developer
  - Download SQL Server Management Studio
- Codebase is too large
- Unfamiliar with ASP.NET and C#

Process Workflow