




KidFit

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A stylized illustration of a diverse crowd of people, all wearing face masks. The people are depicted in various colors (blue, pink, orange, black) and are shown from the chest up, facing different directions. The background is a solid light orange color. A large white oval is positioned on the left side of the image, containing the text.

Education During COVID-19

Our Problem Space: Physical Education

Compared to the conventional classes that already have online alternatives before the pandemic, PE curriculum for K-12 students and teacher has always been in-person and there's no strong infrastructure to support it going online.



Team Vision

Needs

Lack of notable platforms and support system for virtual PE during mass e-learning adoption period due to COVID.

Users

Interests expressed from PE educators and young students as potential main users, with stakeholders from parents, schools, and Board of Education.



Solution

An engaging and interactive mobile application with desired features to support facilitation of virtual PE

Benefits

Allow educators to continue teaching PE curriculum and promoting health and fitness in the student body during COVID.

Supported Functions



Lesson



Challenge



Announcement



Leaderboard

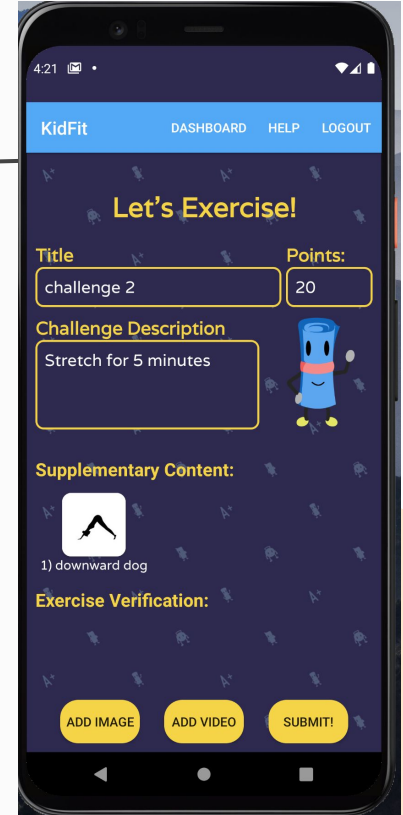
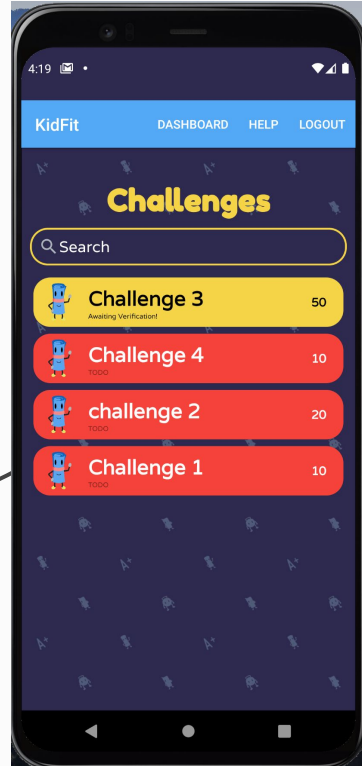


Verification



Feedback

Supported Functions



Unique Features

User Interface

*Kid-friendly, intuitive
experience*

01

02

Gamification

*Leaderboard with
student rankings*

Interaction

*Instructor feedback,
paired workouts*

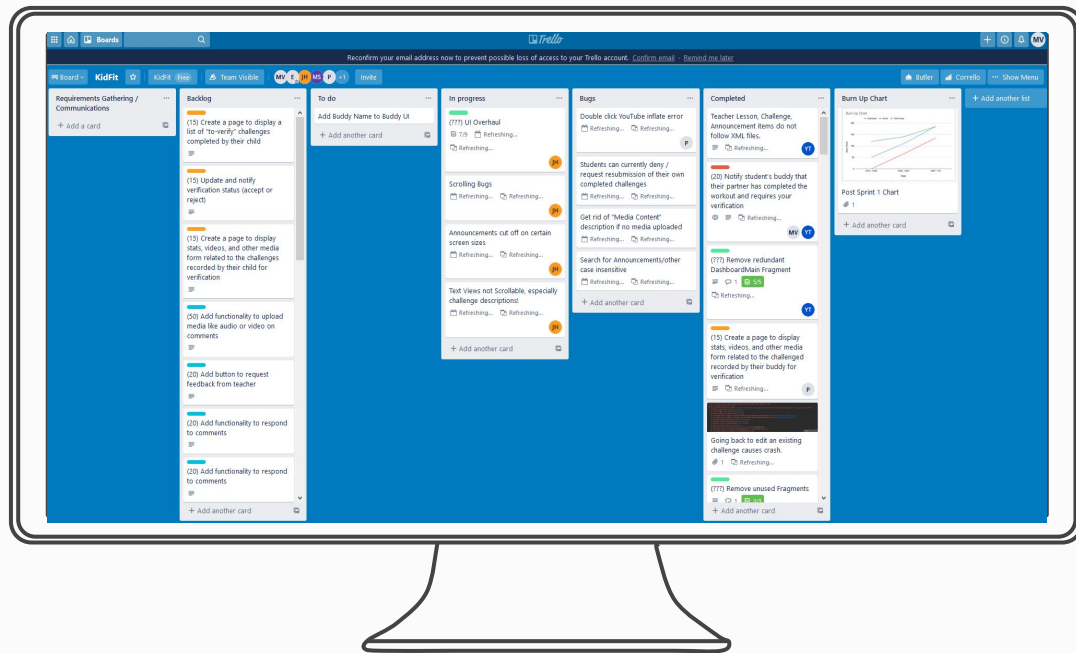
03

04

Verification

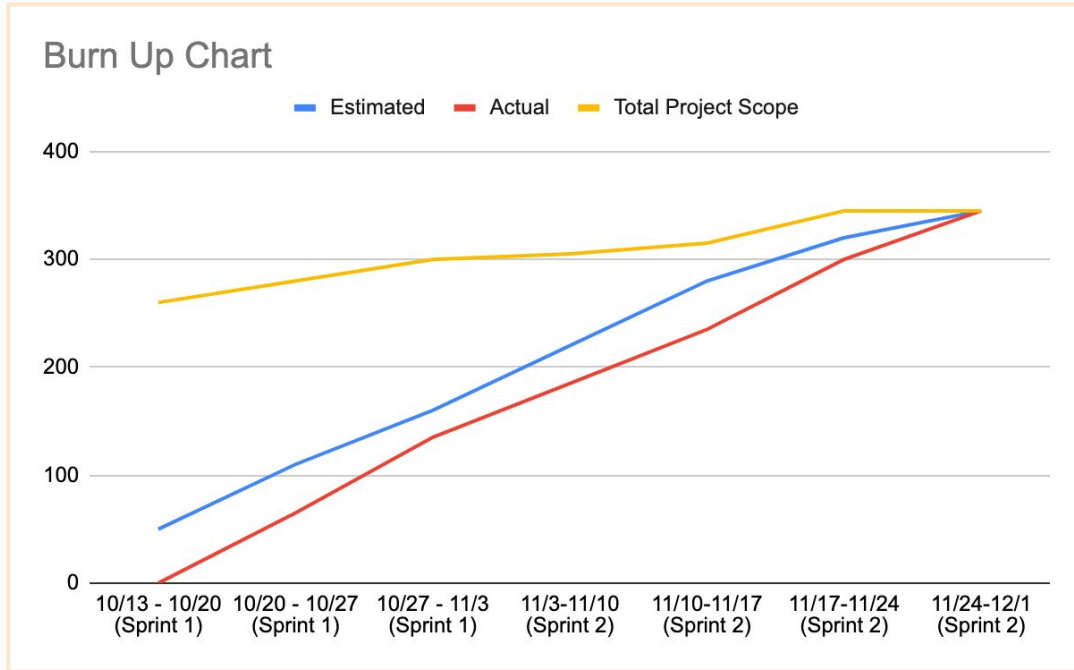
*Reliable,
transparent system*

Project Workflow

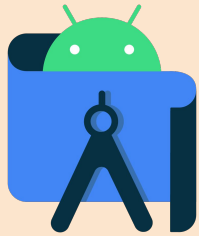


- Used Trello Boards to keep track of project workflow
- Supplemented with daily standups

Burn Up Chart



Project Implementations



Client

Kotlin in Android Studio



UI

Adobe Animate, Adobe Illustrator



Server

Firestore, Functions, Storage

Feedback



Student

Kapil Dangi
(age 9)



Teacher

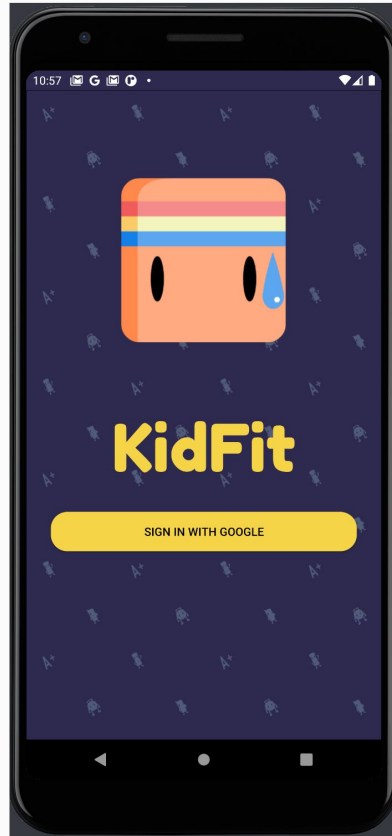
Kris Rucello
John Montagna



Administration

Mark Cherbaka
(District G Montgomery
County Public School
Board)

Demo



Why Choose KidFit?





Thanks!

Any questions?

