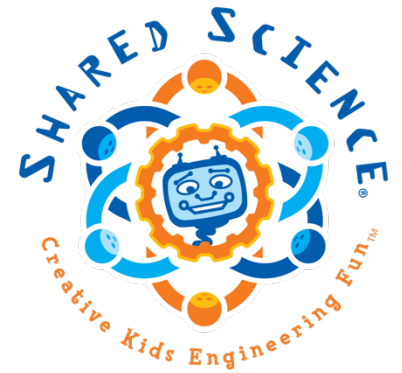


Supplementary Database Web Application

Project Presentation and Demo

Team Introduction



elena filatova

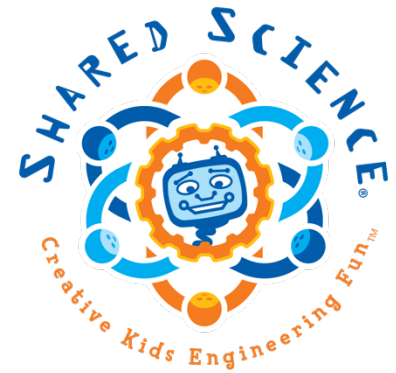
tri vu

jonathan tzeng

david juarez

ray lopez

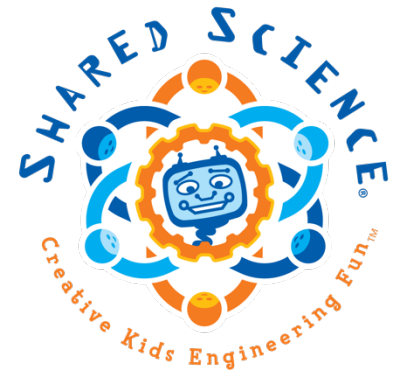
Shared Science



Shared Science is a non-profit organization that provides STEM-focused educational programs within Long Beach and surrounding vicinities for children in K-12 grade levels

Mission: “to build on children’s science, technology, engineering, and mathematics learning experiences through constructive, creative, and playful programs, while fostering learning communities.”

Issue

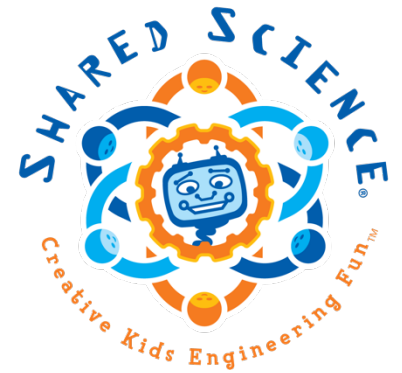


Active Network Database

Data Management

Customer Communication

Request



Create a more interactive database

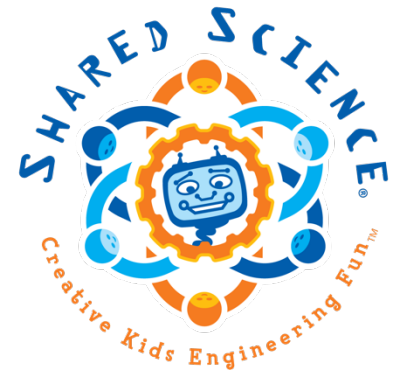
- Must include customizable report generator

- Provide logins and interfaces for different user types

Create a new blast email platform

- Must support “unlimited” contact inclusion

Plan



Develop a database web application

Data manager oriented for back-end duties

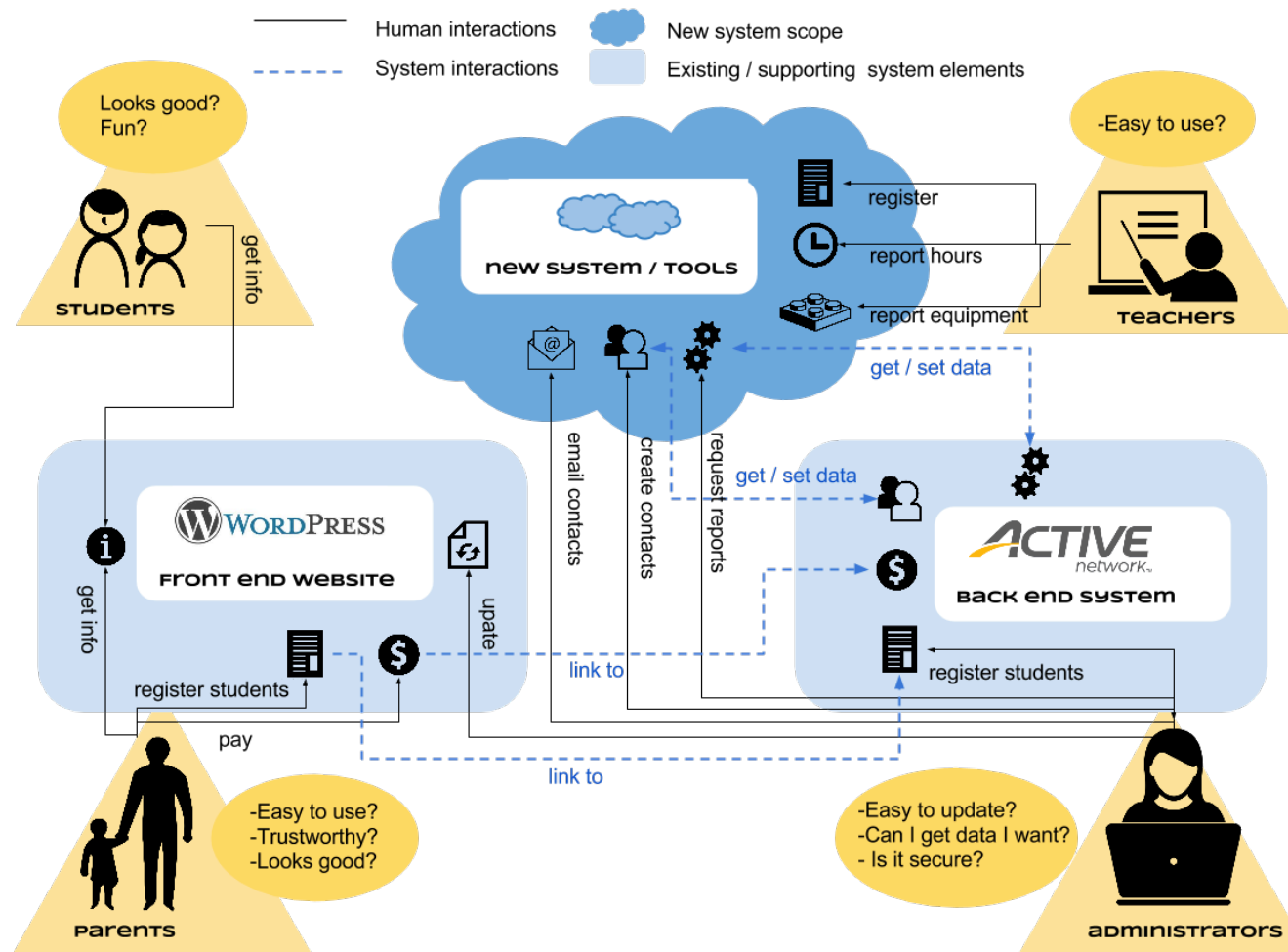
Fully functional report generator

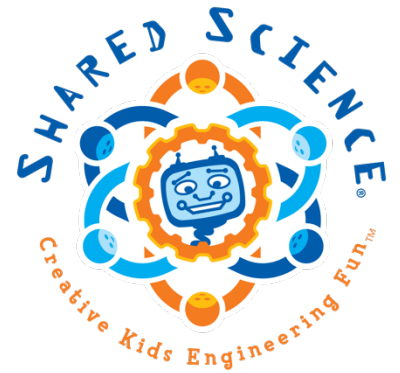
Blast email capability

Separate login interfaces

Refined payment/registration portal

System Vision





Scope Reduction

Active Network and restrictions on exporting data

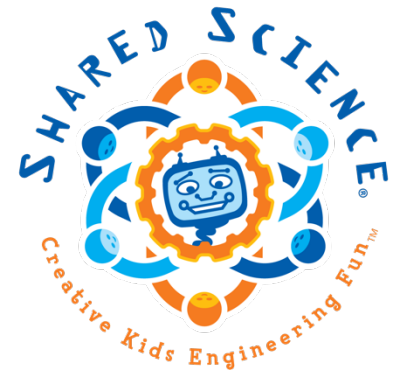
Led to implementation of CSV Importer

Removal of payment/registration component from scope

Pre-development tool configuration

Removal of separate interface development from scope

New Plan



Develop a database web application

Data manager oriented for back-end duties

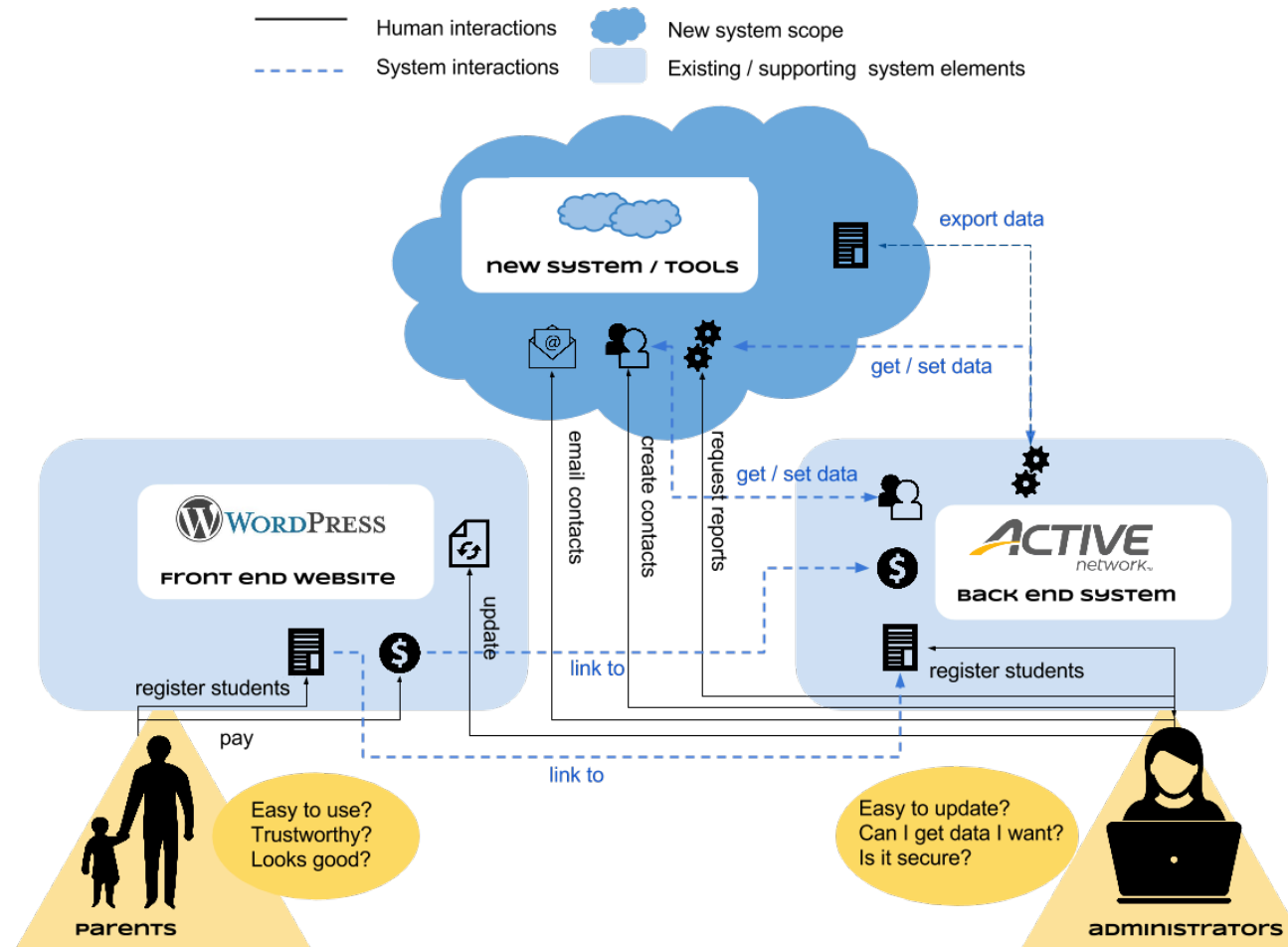
Fully functional report generator

Blast email capability

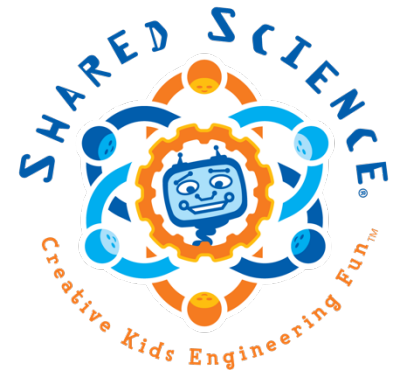
~~Separate login interfaces~~

~~Refined payment/registration portal~~

System Vision



Integrated Features



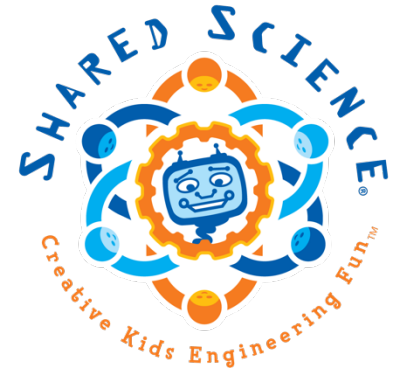
Resource Interface

CSV Data Importer

Report Generator

Blast Email Platform

Resource Interface



Create a more interactive database

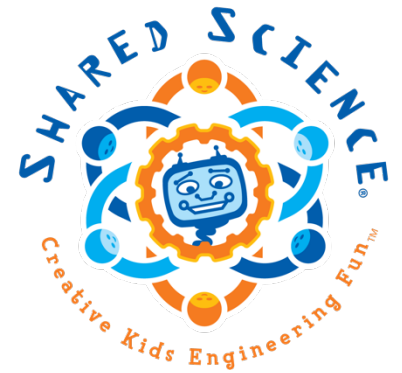
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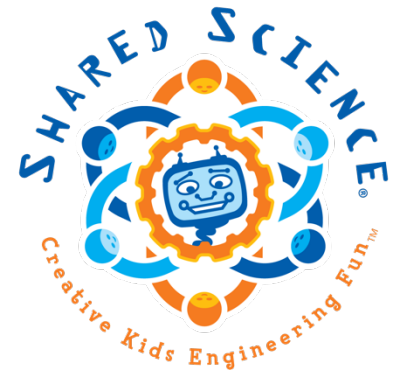
CSV Importer



Uses a CSV file generated by Active Network's database

Reads entries from file and queries the new database to
add or update fields

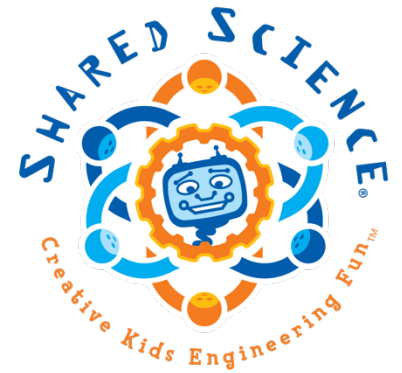
Report Generator



Can customize reports to group data based off of the user's interest

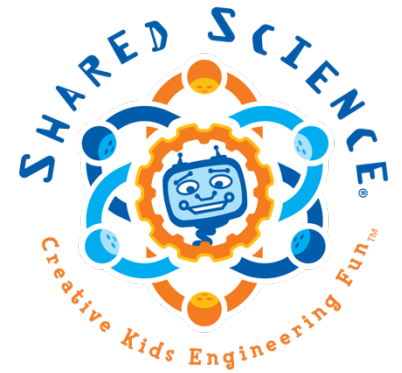
Allows user to save a generated report for later reference

Blast Email



Supports capability to send emails to numerous recipients at once

Can import email addresses from contacts in new database



We hope you will enjoy your new database!
Best of luck to your organization!