AtticBase

Add your Attic to the History Books.

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Software Capstone Project

The Problem

The Solution

The History Graph

A special graph archive database which will record Place / Landmark, Companies, People, Products, Events and Groups / Associations in a graph format for easily searchable and useable content interaction.

Business Model

Time Capsules (Private Data) *Annual Fee*

Estate Scan *% Scanning Fee*

API Data Services *Annual Usage Fee*

Data Value and User Value *Capital Increases*

Robert Gould Shaw

Civil War Colonel @ United States of America, Union Army

Born:
Boston, Massachusetts
October 10, 1837

Died:
Morris Island, South Carolina
July 18, 1863

Bio:
An American military officer in the Union Army during the American Civil War. As Colonel, he commanded the all-black 54th Massachusetts Infantry Regiment, which entered the war in 1863. He was killed in the Second Battle of Fort Wagner, near Charleston, South Carolina.

Education:

West Point Academy

Aug, 1853 - Dec, 1857

Work:

US Union Army

Jan, 1857 - July, 1863

Users

People inquiring about family history and lineage

People looking to save space in their attic

History researchers

Data scientists and developers working for companies or universities

Elderly people who wish to pass on information

People interested in reading or learning about history

Customers

Users who want to save private family data for later

Tech Companies using data

Startups using data

Researchers using data

Competition

Wikipedia

Internet Public Library

EBSCO Host

CIA Factbook

Government Offices

WebRoots

Facebook

ancestry.com

Libraries

Context Chart

User *Input*

System

User *Output*

History Documents
Family Members
Businesses
Area Knowledge

Family Tree
Trending Content
History Information
Timelines

Inputs

Place or Landmark

Company

Person

Product

Event

Group or Association

Outputs

Timelines

Family Trees

Genealogy Reports

Closest Relatives

Trending Feed

Activity Feed

Photo / Document Albums

RESTful Web Service

HL Functionality

User Authentication

History Articles

Advanced Search

Data Verifications

Open Content Contributors

Subscription Payments

Compatibility

Web App for All Web Browsers (Even IE!!)

Android and iOS Scanner App (Future)

Architecture

- Front-end: HTML, CSS, Bootstrap, AngularJS and jQuery

- Backend: Node.js or Python

- Web Frameworks: ExpressJS or Pyramid

- Graph Database: Neo4j

- Web Server: NGINX

- Host: Heroku with Ubuntu

- DNS and SSL: CloudFlare

- Payment Gateway: Dwolla