University of Pennsylvania - Wharton School Internship

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Wharton Budget Model: Background

- Team of 4
- Contracted by the Ballmer group
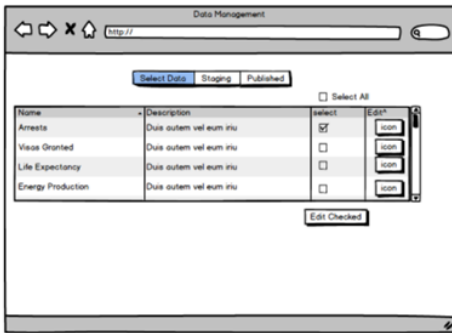- Compiles the data store that powers USAfacts.com.

Ballmer Group: USA Facts

- USA Facts is a philanthropy project of an ex-CEO of Microsoft, Steve Ballmer
- USA Facts is a nonbiased data-driven portrait of the American population, our government's finances, and government's impact on society
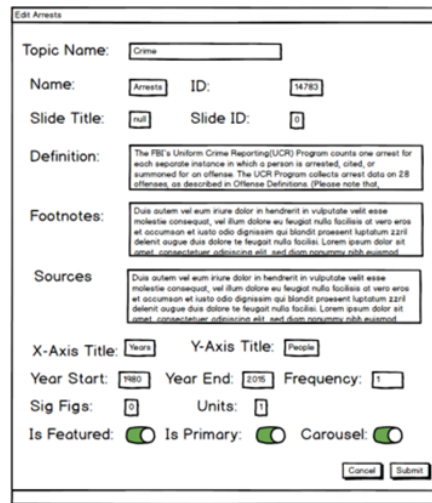
USA Facts

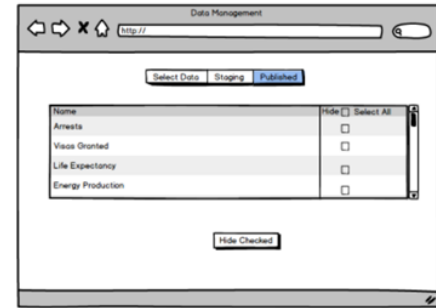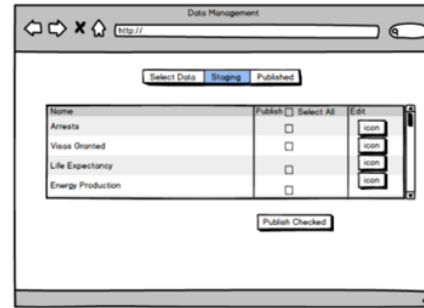- Showing where the 2014 revenue came from

Responsibilities

Main page

Edit Pop-Up Window

Staging Metric's

Search:

Search Metric ID

🔍 Search

Lexicon Name	Publish	
Securities Offering	☐	✏
Education, Training, and Library	☐	✏
$75,000-$100,000 ($, adjusted gross income)	☐	✏
Executors' commissions	☐	✏
Total Reserve	☐	✏
Medical Care	☐	✏
Temporary visitors for pleasure	☐	✏
Returns claiming earned income tax credits	☐	✏
Color	☐	✏
Medicare	☐	✏
Talk to Your Neighbors at Least a Few Times a Week	☐	✏
By Educational Attainment	☐	✏
Total Automobiles	☐	✏
U.S. and Territories	☐	✏
Age 75+	☐	✏
Data processing services	☐	✏
Goods production	☐	✏
By type of manufacturing	☐	✏

Edit: Arrests

Name: Arrests

ID: 14783

Slide Title:

Slide ID:

X Label: Years

Y Label: People

Units: 1

Sig Figs: 0

Definition:
The FBI's Uniform Crime Reporting (UCR) Program counts one arrest for each separate instance in which a person is arrested, cited, or summoned for an offense. The UCR Program collects arrest data on 28 offenses, as described in Offense Definitions. (Please note that, beginning in 2010, the UCR Program no longer collected data on runaways.) Because a person may be arrested

Source:
Uniform Crime Reporting, Crime in the United States Report / Table 29

Is Featured: ☑

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Challenges

- Working within an API
- Remote Internship
- Being brought into a big project in the middle

Classroom Experience

- Compiler Construction
  - Experience with large repositories of code
- Software Engineering
  - Collaborating with a team on a big project
  - Having client requirements change throughout the project
- Database
  - Web programming

Overall Experience

- I was able to learn the workings of an API and its communication back and forth between the frontend and the database.
- Was able to experience what it was like to work in the field
- I also expanded my ability to program in multiple languages effectivley

QUESTIONS