**Ideas, User personas, & Initial work**

**Three datasets:**

* School Survey on Crime and Safety, 2016 (<https://catalog.data.gov/dataset/school-survey-on-crime-and-safety-2016>)
* Career and Technical Education Programs in Public School Districts, 2016–17 (<https://catalog.data.gov/dataset/career-and-technical-education-programs-in-public-school-districts-201617>)
* Free Application for Federal Student Aid, 2015-16 (<https://catalog.data.gov/dataset/free-application-for-federal-student-aid-2015-16>)

**User Personas**

1. Name: Bob Bosby

Age: 18 years

Education: Student

Hobbies: Video games and paintings

Summary: Bob is 18years old and he is in a final year of high school lives in new jersey. He is planning to go to community college for associate degree, but he wants information about financial assistance. Bob wants to know whether he is eligible for financial aid or not. This website will help him to get all information about FAFSA. This website provides universe data collection of eligible incoming postsecondary education students, along with a subset of eligible continuing postsecondary education students, that collects financial information to determine the need and eligibility for financial assistance during postsecondary education. So, Bob can get all helpful information through this website.

2) Name: Maria

Age: 37 years

Marital Status: Married (Mother of two)

Summary: Maria is 37 years old and mother of two kids. She wants to place her kids in school but of course as a parent, she is little worried about her kid’s safety. Maria wants to know what schools safe and what schools are have criminal records before placing her kids in school. Maria can go to this website and take look at all school survey on crime and safety. And then she can place her kids according that. This website has cross-sectional survey of the nation's public schools.

**Task Model:**

**To apply for FAFSA**

Interactive System: A website

Precondition: Search on google

Select: Topic user need to search on. ( FAFSA)

Outcome: You successfully got all information about FAFSA

Action: Apply for FAFSA

To place the child in safest school

Interactive System: A website

Precondition: Search on google

Select: Search for school survey on crime and safety

Outcome: You successfully got all information about schools

Action: Go to school’s website

**As-Is Scenario**

User need an information system where s/he can get all answers and clear doubts. This website can be one platform for all information. Bob was in a final year of high school and he wanted to go to community college for further study, but he was not able to pay his fees. He needed to know about financial assistance where he can apply and get money for education. But he was not too sure how apply and whether he will be eligible for FAFSA or not. This website can help Bob to get all information and plus he can get other career information too. In other case, Maria was mother of two and she wanted to place her kids in school, but she was not familiar with schools and was worried about her kid’s safety. This website would help her to select school for her kids because this website has bunch of data about survey of school crime and safety. So, this way this website is very helpful for so educational information.

**User Needs & Requirements**

* **Needs**

**User need to know what information s/he is looking for**

* **Requirements**

**Data Requirement: Educational datasets.**

**Functional Requirement: User must be familiar with technology**

**Contextual requirement: User must click on the data set s/he wants information about**

Experience Requirements: User must get information s/he is looking for