Project Planning

Capstone Idea (Definition Statement):
I want to build a database application that can be used for predicting, estimating or calculating physical properties of materials (elements and compounds) for the three different three states of matter and their multiphase.

Definition of Audience: (Who will be using my application?)
Industrial and academic organizations and institutions in the Science, Technology, Engineering and Mathematics (STEM) fields.

Outline of Content:
What do I want on each page? (text / pics / images / navigation)
What do I want the functionality of each page to be?
What is the purpose of my application?
What business problem or real world problem am I going to be solving?
Color Palette:
Images:
Fonts:
Logos:
Navigation:

Research Applications Similar:
List Applications Researched: (links to websites / applications)
List what you like about each site:
List what you do not like about each site:

SWOT Analysis For My Capstone (Application)

S (Strengths)	W (Weaknesses)	O (Opportunities)	T (Threats)
(1) Strong mathematics background (2) Strong coding fundamental (3) Determination and perseverance	(1) Multitasking (Have a lot on my hands presently) (2) Having to cater for my family financially, timewise, etc.	(1) Available internet resources (2) Available TA who I believe should be able to guide/help	(1) Not being able to get everything, e.g. APIs, I might need for the project (2) Allotted time for the program