

# Definitions

**Project:** Prunch

## Types of Calculators

Navigation bar - Contains navigational links to different categories of calculators, a help modal, a home button, and a recommendation button for new calculators.

Hyperlinks - Link to a separate page.

Front Page - Contains a summary of the site, navigation will be handled primarily by the navbar.

Reviews Page- Contains all users' ratings and reviews for the calculator of interest and any relevant recommendations for other similar calculator by users.

Descriptions Page- contains general information about the calculator, calculator image, and the overall rating, a link is available from rating to Reviews page.

Calculator Website - hyperlink to site will be on calculator information page

Ratings - Curated reviews of calculators

Calculator overall rating- calculated average rating, out of 5 stars, the specific calculator has for specific functions to be performed.

Access- user-friendly interface for all the calculators on the site , with a brief tutorial or link to a tutorial on how to use the selected calculator.

Profile- allows a user to login and customize settings, such as saved calculators, and leaving comments and/or reviews as a registered user.

Tags- calculations or type of math a calculator may be capable of.

Category- defined as the particular branch of mathematics , thereby providing calculators with appropriate capabilities.

Category Calculators- ALL calculators capable of performing at least a sub-category function of the main category. Sub-Category-

Sub-category calculator- calculator capable of performing calculations specific to the subcategory.

Comments/Message board- located on Front or Home page, where users can leave feedback and calculators they would like to see.

Updates/Site maintenance-

Database Search features- available for ratings and reviews, returns ratings and reviews based on rating or whether they contain a review.

Also available for calculator search feature, will check certain tags( functions desired by calculator) and will return calculators that match capabilities.

Trigonometry - branch of mathematics that studies relationships involving lengths and angles of triangles

Algebra - study of generalizations of arithmetic operations

Geometry - dealing with spatial relationships

Arithmetic - the study of numbers and the properties of operations between them

Statistics - The science of making effective use of numerical data from experiments or from populations of individuals

Specialized - Calculators for specific, specialized purposes