Feature

Tour

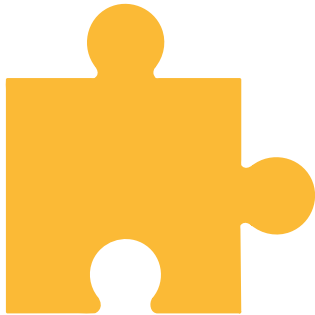**What can the program do?** Find all the:

- features
- menus and windows
- mouse and keyboard actions
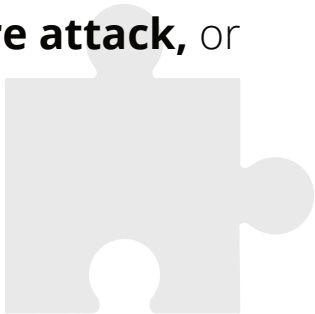- command line options

Complexity
Tour

Identify the **most complex** things present in the application.

- Along with **features**, consider challenging **data sets**.
- Complex aspects of the program are more vulnerable to **failure, malware attack,** or **user dissatisfaction**

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Structure

Tour

Identify what constitutes the product:

- Code
- Data
- Interfaces
- Documentation
- Hardware
- Packaging

- Associated web sites or online services
- Anything you can test...

Scenario

Tour

List **realistic scenarios** for how **different types** of users would use the product.

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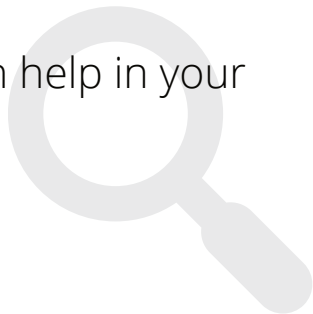https://bbst.courses/

Testability

Tour

You will tour the app in order to get **a list with testability features and tools**:

- Find all the features you can use as **testability features.**
- Think of **other features** that you think would be useful for testing.
- Identify available **tools** that can help in your testing.

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Claims
Tour

Find information about what the product does.

- **Published claims**: manuals, helps, tutorials, advertisements;
- **Unpublished claims**: internal specs and memos that define an intent

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Data

Tour

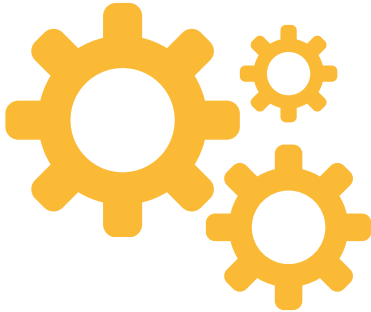Identify data elements in the application:

- Default values and options settings
- Configuration files
- Stored temporal data

Note the **size** and **structure** of the data, **where it comes from** and **where it goes**.

Configuration

Tour

What program settings can be changed?

- Which will **persist**?
- What **environment settings** may change the app performance?

User

Tour

Determine **different** types of users for the application:

- What would they **do** with the app?
- What **information** would they search for?
- How would they **expect** the program to work?

Variability

Tour

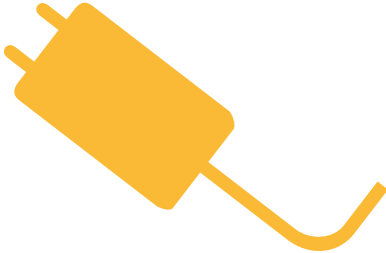**Anything you can modify is a variable.**
Find them and change them.

- What **values** can the variables take?
- What are the **subranges** and **subrange boundaries**?
- What changes of one variable will **cause changes** of other variables?

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Interoperability

Tour

Identify external components **the application needs and interacts with:**

- 3rd party/other applications
- OSs
- Device drivers
- Data integration aspects
- Competing applications