**Test Plan**

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Test Type & Test Type ID: White Box - 01

**Requirement Addressed**

Assess if the code logic and structure is correct and sufficient for initializing the app.

**Objective**

To ensure if the ForestApp class methods are implemented correctly and execute as intended.

**Test cases**

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| --- | --- | --- | --- | --- | --- |
| **Description** | **Input field** | **Input value** | **Expected Output** | **Actual Output** | **Pass/Fail** |
| Verify if the constructor is correctly set up. | \_\_init\_\_() | self | Constructor initializes without errors. | The constructor did not throw error and is initialized correctly. | Pass |
| Verify if the build() has been initialized. | build() | self | Does not throw a TypeError. | The app did not throw a TypeError. | Pass |
| Verify if on\_start() has been initialized. | on\_start() | self | Executed automatically after the app starts. | Method executed automatically | Pass |
| Verify if the run() method is called by the ForestApp() instance. | ForestApp().run() | N/A | The app runs correctly and a window pops up. | A window pops up and runs correctly. | Pass |
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