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| Quality Assurance Checklist |
| **A checklist is a set of ideas. In testing, checklists come first. They serve as a draft for further activities. Writing and rewriting a checklist is fast and simple. Once the checklist is ready and each item may become the foundation for one or several test cases.** |

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| **Project Name** | DQ MODULE | **Project code** | EPM-DQ |
| **Object Name** | OL550EU Ninja | **QA Engineer** | Oleg Arslanov |
| **Classification by access** | Black box – without possibility to explore programing aspects, object components separately or take object apart | | |
| **Object description** | Overview:  Multifunctional electric multicooker Ninja OL550EU with SmartLid system, pressure cooking, frying, baking, stewing and steaming. Supports up to 11 automatic cooking programs. Suitable for healthy eating, saving time and automating cooking.  Features:  SteamCrisp technology - cooking with steam and crispy crust  SmartLid Slider - switching between pressure, air frying and combined cooking modes  3-in-1: pressure cooker, multicooker, air grill  Display with program selection buttons  Easy cleaning and removable elements  Number of modes: 11  Control type: electronic  Timer: up to 12 hours  Keep Warm support: Yes  Readiness indicator: Yes  Overheating protection: Yes  Model: [OL550EU](https://houstera.lt/produktas/ninja-ol550eu-daugiafunkcinis-puodas-6-l-1460-w-juoda-sidabrine/)  Requirements   * Power: 1760 W * Bowl capacity: 6 liters * Dimensions: 36.0 × 35.5 × 36.0 cm * Weight: 11.4 kg | | |

**SMOKE PATH**

| **Verification area** | **Test Approach by way of dealing** | **Would be automated?** | **Test Type** | **Expected Result /**  **Comments** |
| --- | --- | --- | --- | --- |
| Verify power on/off functionality | Positive | No | Functional | Ensure the multicooker turns on and off correctly without issues. |
| |  | | --- | | Start basic cooking program | | |  | | --- | | Positive | | |  | | --- | | No | | |  | | --- | | Functional | | |  | | --- | | After selecting a standard program (e.g. "Steam"), the cooking process starts. | |
| Lid locking mechanism | Positive | No | Functional | The lid locks securely in pressure cooking mode. Safety mechanism is engaged. |
| Heating function test | Positive | No | Perfomance | The heating element activates and reaches cooking temperature. |
| Fan function test | Positive | No | Functional | Internal fan works during air frying process. |

**CRITICAL PATH (functionality that uses ~80% users)**

| **Verification area** | **Test Approach by way of dealing** | **Would be automated?** | **Test Type** | **Expected Result /**  **Comments** |
| --- | --- | --- | --- | --- |
| Selecting and starting a specific cooking mode (e.g. Steam or Bake) | Positive | No | Functional | Selected mode starts, countdown begins, heating starts. |
| Switching between cooking modes with SmartLid Slider | Positive | No | Usability | Lid mode changes correctly (e.g. from Pressure to AirFry), UI reflects the change. |
| Display responsiveness (buttons + screen) | Positive | No | Usability | Buttons respond, correct icons and settings are displayed. |
| Keep Warm function after cooking finishes | Positive | No | Functional | The cooker maintains temperature after cooking is done. |
| Timer programming (e.g. delayed start) | Positive | No | Functional | User sets timer, cooking starts automatically after delay. |
| Attempt to start a cooking program without closing the lid | Negative | No | Functional | The program should not start. An error message or warning sound should appear. Safety is ensured. |

**EXTENDED PATH**

| **Verification area** | **Test Approach by way of dealing** | **Would be automated?** | **Test Type** | **Expected Result /**  **Comments** |
| --- | --- | --- | --- | --- |
| Keep Warm function duration and stability | Positive | No | Performance | The device maintains stable temperature (60–70°C) for 2+ hours after cooking without overheating or shutting down unexpectedly. |
| Keep Warm auto-activation when program is interrupted | Negative | No | Functional | If the cooking process is interrupted (e.g. power off), Keep Warm mode should not activate accidentally. |
| Manual deactivation of Keep Warm mode | Positive | No | Functional | User should be able to manually turn off Keep Warm mode after cooking finishes. |
| Attempt to open lid immediately after cooking ends (in pressure mode) | Negative | No | Functional | The lid should remain locked and not open until pressure is fully released. Ensures user safety and compliance with design. |