

AURORA

The future of AURORA

Progress depends on evidence.
No launch date is promised.



Requirements before full system design

01

Research and requirements

Choose household tasks.
Define operating limits.
Review risks and user needs.

02

Mechanical and electrical design

Develop the architecture.
Study motion and power constraints.
Review engineering feasibility.

Review gate: agreed requirements and a credible engineering approach.

Component prototypes

03

Test mechanisms, sensing and interfaces separately before assembling a full system.

Review gate: repeatable component measurements under controlled conditions.



Integration meets controlled testing

04

Software and AI integration

Connect perception, task planning and control. Keep the safety path independent of high-level decisions.

05

Controlled testing

Measure intended behavior.
Test obstacles, faults and recovery.
Record what remains uncertain.

Review gate: documented behavior and a completed safety review.

Limited household assistance

06

Defined tasks.
Restricted environments.
Qualified oversight.

Review gate: measured reliability
and clear user instructions.



Gradual capability improvements

Observe

Review failures and user feedback.

Refine

Revise requirements and engineering.

Validate

Repeat tests before expanding scope.

Future work may explore heavier-object assistance after the required engineering validation.