

## # ULTRA – Master Plan of Action

### ## Purpose

ULTRA is a group-scoped, yacht-centric, offline-first CMMS/workflow system.

Groups define scope.

Categories define capability.

Templates define standards.

Yacht tasks define reality.

Nothing mutates upward. Everything flows downward.

### ## Groups

Users and yachts live in groups.

Users only see their group and descendants.

### ## Categories

Categories define types of work.

Categories bind to groups with cascade.

Assigning categories does NOT create tasks.

### ## Task Templates

Templates live under categories.

Each template has a version.

Applying templates creates independent yacht tasks.

Editing templates never mutates existing tasks.

### ## Yacht Tasks

Immutable copies created from templates.

### ## Operational Tasks

Created by users.

Always linked to yachts.

Assigned to users or groups.

### ## Unified Lifecycle

Open → Acknowledged → In Progress → Completed → Closed

Optional: On Hold, Cancelled

### ## Escalation

Tasks may escalate after timeout.

Visibility only.

### ## Offline

Local-first.

local → queue → sync.

### ## UX

No Assign buttons.  
No Save buttons.  
Contextual Apply.  
Floating Create.  
Auto-save.

## ## Database Core

groups  
group\_users  
group\_yachts  
group\_categories  
yachts  
categories  
task\_templates  
yacht\_tasks  
operational\_tasks  
task\_comments  
task\_photos  
operations\_queue

Assignments ONLY via:

assigned\_user\_id  
assigned\_group\_id

## ## Implementation Order

- 1 Groups
- 2 Category binding
- 3 Templates
- 4 Yacht tasks
- 5 Operational tasks
- 6 Lifecycle
- 7 Escalation
- 8 Notifications
- 9 Offline
- 10 UI
- 11 Final tidy

ULTRA is:

Tree scoped  
Template driven  
Instance based  
Offline first  
Yacht centric  
Human collaborative

No shared mutable tasks.

No upward visibility.

No blocking saves.