

# ■ Badminton Tournament Manager

## MVP 1–10 Completion Dashboard

Version: v0.9.0-mvp

Date: 07 November 2025

### Executive Summary

All 10 MVP milestones are completed and production-ready across Backend, Admin UI, and User UI. Mobile App development is not yet started and is marked **TBD** across all modules. Each item meets the Definition of Done (DoD) except for mobile UX validation.

#	Feature	Backend	Admin UI	User UI	Mobile	Tests	Docs	Notes
1	Core Entities & Auth	■	■	■	TBD	■	■	RBAC wired (ADMIN/REFEREE/USER)
2	Registration Flow	■	■	■	TBD	■	■	Single registration complete
3	Match Scheduling & Courts	■	■	■	TBD	■	■	DnD scheduling, conflict-free
4	Check-In APIs & UI	■	■	■	TBD	■	■	Integrated with match workflow
5	Role-Based Access Control	■	■	■	TBD	■	■	Controller guards, UI conditions
6	Match Status Workflow	■	■	■	TBD	■	■	SCHEDEDULED→IN_PROGRESS→DONE
7	Category Management Enhancements	■	■	■	TBD	■	■	Category rules and limits
8	Team / Doubles Support	■	■	■	TBD	■	■	Teams, validations, conflicts
9	Tournament Format Flexibility	■	■	■	TBD	■	■	Strategy Pattern, RR=V2
10	Match Result & Bracket Progression	■	■	■	TBD	■	■	Result auto-advance stable

### Definition of Done (Applied Per Item)

- Code + tests + migrations merged
- Admin/User UX flows validated
- Mobile UX flows **TBD** (not in current MVP scope)
- Swagger updated; Postman tests pass
- Seed data updated; demo tournament runnable end-to-end

### Quality & Stability Highlights

- Deterministic progression (MVP #10): reliable winner advancement, walkover/retired handling.
- Format-flexible architecture (MVP #9): Strategy Pattern with Round Robin placeholder.
- Robust doubles support (MVP #8): gender/age validations, conflict detection.
- RBAC + Status gating: clean role enforcement and visual cues across UIs.

### Next Steps

1. Tag and release as **v0.9.0-mvp**.
2. Deploy to staging and conduct UAT.
3. Plan next sprint:
  - Mobile App MVP (Umpire/Score Module)
  - Round Robin (V2)

- Operational polish – exports, analytics, settings.

## Mobile Application Status

- Mobile App is currently **TBD**. No implementation yet in MVP phase.

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