

Product Requirements Document (PRD)

Module: Adventure Sports Registration

Phase: 1A (Initial Rollout) **Portal:** HP Tourism eServices (2025 Revamp) **Status:** New Module Addition

1. Background & Context


The legacy HP Tourism portal supported Adventure registrations under a generic **"Adventure"** category with flat, text-based activity inputs (e.g., rafting, paragliding, water sports). This design is no longer compliant with the **Himachal Pradesh Water Sports & Allied Activities Rules, 2021**, which mandate:

- Activity-specific compliance
- Differentiated safety, equipment, and manpower rules
- Technical Committee-driven approvals

With **HomeStay** now separated as an independent module, **Adventure Sports** must be introduced as a **dedicated, policy-aligned module**.

2. Objectives (Phase 1A)

1. Introduce **Adventure Sports** as a first-class registration category in the portal
2. Ensure **strict policy compliance** from Day 1
3. Start with the **lightest, lowest-risk activity** to validate workflows
4. Avoid partial or incorrect implementation of complex adventure activities

Phase 1A Activity Scope: -  *Non-Motorized Water Sports – Paddle Boat / Row Boat*

3. Why Paddle / Row Boat for Phase 1A

Based on the 2021 Rules, Paddle / Row Boats: - Are **non-motorized** (no engine, fuel, or mechanical inspection) - Have **minimal safety & equipment requirements** - Require **simpler manpower validation** (Boatman only) - Are already familiar to DTDOs and districts

This makes them ideal for: - Fast development - Low operational risk - Smooth departmental adoption

4. High-Level User Journey

Step 0 – Application Type Selection

- User selects “**Registration of Tourism Unit**”
 - Chooses “**Adventure Sports**” (new category)
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Step 1 – Activity Selection

Activity Category (fixed in Phase 1A): - Water Sports

Activity Type: - Non-Motorized Water Sports

Activity: - Paddle Boat / Row Boat

Other adventure activities will be shown as “*Coming Soon (Phase-wise rollout)*”

Step 2 – Operator & Area Details

- Operator type (Individual / Company / Society)
 - Local office address
 - District
 - Water body (from notified list)
 - Specific area of operation (text + map reference, if available)
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Step 3 – Equipment Details

Mandatory (as per policy): - Minimum **3 paddle/row boats** - Boat details: - Manufacturer - Identification number - Year of manufacture - Safety equipment: - Life jackets - Lifebuoys - First-aid kit

Step 4 – Manpower Details

Mandatory roles: - Boatman(s)

For each Boatman: - Name & DOB - Registration / certificate upload - First-aid certification

Step 5 – Declarations & Uploads

- Indemnity bond (as per policy format)
- Operator affidavit
- Acceptance of safety & compliance conditions

Step 6 – Review & Submit

- Application summary
 - Submission
 - Status moves to “**Under Review**”
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5. Back-Office Workflow (DTDO / Admin)






1. Application appears in **Adventure Sports → Pending Queue**
 2. DTDO verifies:
 3. Area of operation
 4. Equipment count & documents
 5. Boatman credentials
 6. Forward to **Technical Committee** (offline inspection as per rules)
 7. Record inspection outcome
 8. Approve / Reject / Seek Clarification
 9. Issue **Digital Registration Certificate** upon approval
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6. Data Model (Phase 1A – Minimal)

Core Entities: - adventure_application - operator - activity (type = paddle_boat) - water_body - equipment - manpower - documents - inspection_status

All models are designed to be **extensible** for future adventure types.

7. Non-Goals (Explicitly Out of Scope for Phase 1A)

-  Motorized water sports (Jet Ski, Speed Boat)
-  River rafting
-  Paragliding / Air sports
-  Fun rides (Banana, Ringo, Donut)
-  Dynamic fee/rate calculation

These will be introduced **phase-wise** after Phase 1A stabilization.

8. Success Criteria

- Adventure Sports appears as a separate category in portal
- Paddle / Row Boat applications can be submitted end-to-end
- DTDOs can process and approve applications digitally

- Zero policy deviations or manual bypasses
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9. Future Roadmap (Indicative)

- **Phase 1B:** Kayaking / Canoeing
 - **Phase 1C:** Motor Boats
 - **Phase 1D:** Jet Ski / Water Scooter
 - **Phase 2:** Paragliding, Rafting, Snow Sports
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10. Summary

Phase 1A introduces Adventure Sports into the HP Tourism Portal in a **controlled, compliant, and low-risk manner**. By starting with Paddle / Row Boats, the department ensures:

- Policy-aligned digitization
- Faster rollout
- Strong foundation for future adventure activities

This mirrors the successful **HomeStay-first, expand-later** strategy already adopted in the portal revamp.