# ✅ Project Completion Checklist – Sprint 1 to Sprint 3

## 🔴 Sprint 1 – Partially Completed

**🔹 Sprint Goal:**

* Finalize preparation and foundational setup for the hydroponic system prototype and related technical planning.

🔸 Outstanding Tasks:

1. Definition of Ready (DoR) & Definition of Done (DoD)
   * ✅ DoR and DoD drafted and discussed.
   * ✅ Team alignment achieved.
2. Hydroponic System Setup – Tent A & Tent B
   * ✅ Tent A: Components connected, codebase loaded, planting initiated.
   * ✅ Tent B: Cleaned and prepped for environmental readiness.
3. Tech Stack Decision
   * ⚠️ Research completed but final decision still pending.
   * ❌ Not finalized.

🔴 Sprint 1 Status: Mostly Complete – Tech Stack decision pending

## 🟡 Sprint 2 – Planned Tasks

**🔹 Sprint Goal:**

* Conduct client meeting, develop user stories, and draft the initial user journey with supporting functional details.

**🔸 Key Deliverables:**

1. **Client Meeting & Requirements Gathering**
   * Schedule and document meeting outcomes.
   * Define **functional** and **non-functional** requirements clearly.
2. **User Stories**
   * Follow standard format:  
     As a [user role], I want [goal] so that [reason].
   * Ensure stories are aligned with project goals and client feedback.
3. **Acceptance Criteria**
   * For each user story, define clear and testable acceptance criteria.
   * Example already documented: wishlist functionality.
4. **Technology Investigation**
   * Evaluate different frameworks, tools, and libraries.
   * Justify choices based on compatibility, scalability, and ease of integration.
5. **Team Availability**
   * List team members and their working hours for Sprint 2.

## 🟢 Sprint 3 – Upcoming Tasks

**🔹 Sprint Goal:**

* Conduct domain analysis, finalize technical direction, and deliver user experience mock-ups.

**🔸 Deliverables:**

1. **Domain Analysis**
   * Deep dive into the industry and problem space.
   * Identify key stakeholders, workflows, and system touchpoints.
2. **User Journey Diagram**
   * Create a visual journey map outlining end-to-end user interactions.
   * Use templates (e.g., Canva, Lucidchart) as needed.
3. **Architecture & Technology Agreement**
   * Finalize and document chosen architecture (e.g., microservices, monolith).
   * Include rationale for tech stack (front-end, back-end, database, etc.).
4. **Mock-up Development**
   * Design initial UI/UX screens.
   * Present prototypes to the client for feedback and iteration.
5. **Team Availability**
   * Document availability of all team members for Sprint 3.

📌 Summary of Current Status

| Sprint | Task | Status |
| --- | --- | --- |
| Sprint 1 | Definition of Ready & Done | ✅ Completed |
| Sprint 1 | Tent A Component Connection | ✅ Completed |
| Sprint 1 | Tent B Cleaning | ✅ Completed |
| Sprint 1 | Tech Stack Decision | ❌ Not Completed |
| Sprint 2 | Client Meeting & Requirements | ⚠️ Scheduled |
| Sprint 2 | User Stories + Acceptance Criteria | ❌ Not Started |
| Sprint 2 | Technology Investigation | ⚠️ In Progress |
| Sprint 2 | Team Availability | ⚠️ Incomplete |
| Sprint 3 | Domain Analysis | ❌ Not Started |
| Sprint 3 | User Journey Diagram | ❌ Not Started |
| Sprint 3 | Architecture & Tech Stack Finalization | ❌ Not Started |
| Sprint 3 | UI Mock-up & Presentation | ❌ Not Started |
| Sprint 3 | Team Availability | ❌ Not Recorded |