# ✅ Project Completion Checklist – Sprint 1 to Sprint 3

## 🔴 Sprint 1 – Conceptualize and Plan (Sprint Goal: Set up team, define initial project parameters, establish foundational agreements.) 🔹 Key Requirements: Team Formation, Project Definition, Planning & Agreements 🔸 **Tasks:**

### Team Formation & Administration

* ✅ Create Sprint team & select members.
* ✅ Identify Team Leader.
* ✅ Develop comprehensive Work Agreement (Project Title, Group Members, Purpose, Roles/Responsibilities, Communication, Decision-Making, Workload, Timelines, Conflict Resolution, Signatures).
* ✅ Complete Group Registration (Group Name, Student Number, Name, Surname, Email, Contact, Project, Group Number). *Almost Done - updating status*
* ✅ Set up DevOps code repository/environment.
* ✅ Document all meetings & record minutes (Daily/Weekly).

### Project Definition & Planning

* ✅ Meet with client to understand initial expectations.
* ✅ Develop Project Charter.
* ✅ Create Product Backlogs (Story ID, User Stories, Acceptance Criteria, Sprint Number, Priority, Comments, Effort, Dates).
* ✅ Definition of Ready (DoR) drafted and discussed.
* ✅ Team alignment achieved on DoR.
* ✅ Definition of Done (DoD) drafted and discussed.
* ✅ Team alignment achieved on DoD.
* ✅ Define clear team roles for each member.
* ✅ Create high-level Roadmap (March-Nov milestones).

### Hydroponic System Setup (Initial)

* ✅ Tent A: Components connected, codebase loaded, planting initiated.
* ✅ Tent B: Cleaned and prepped for environmental readiness.

### Tech Stack Decision

* ⚠️ Research completed but final decision still pending.
* ❌ Not finalized.

🔴 **Sprint 1 Status:** ✅ Completed – Tech Stack decision pending🟡 Sprint 2 – Gather Requirements (Sprint Goal: Client meeting, develop user stories, draft initial user journey.)  
🔹 **Key Deliverables:** Client Requirements, User Stories, User Journey, Technology Investigation  
🔸 **Tasks:**

### Client Engagement

* ✅ Schedule and conduct client meeting to understand requirements.

### User Story Development

* ⚠️ Translate client needs into actionable user stories (As a [role], I want [goal] so that [reason]). *Almost Done - updating status*
* ❌ Define Acceptance Criteria for each user story.

### User Journey Development

* ❌ Craft a preliminary user journey diagram.

### Requirement Categorization

* ✅ Identify and document functional and non-functional requirements.

### Technology Investigation

* ⚠️ Evaluate different frameworks, tools, and libraries.

### Team Availability

* ✅ List team members and their working hours for Sprint 2.

## 🟢 Sprint 3 – Domain Analysis (Sprint Goal: Domain analysis, finalize technical direction, deliver user experience mock-ups.) 🔹 **Deliverables:** Domain Analysis, User Journey Diagram, Architecture Agreement, Mock-ups 🔸 **Tasks:**

### Domain Analysis

* ❌ Perform comprehensive domain analysis (industry, business processes, stakeholders, existing systems).

### User Journey Diagram

* ❌ Complete User Journey diagram (visualize user interactions).

### Architecture & Technology Agreement

* ❌ Finalize and document chosen architecture (microservices, monolith, etc.).

### Mock-up Development

* ❌ Design initial UI/UX screens.
* ❌ Present prototypes to the client for feedback.

### 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 | ✅ Completed |
| Sprint 2 | User Stories + Acceptance Criteria | ⚠️ In Progress |
| Sprint 2 | Technology Investigation | ⚠️ In Progress |
| Sprint 2 | Team Availability | ✅ Completed |
| 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 |