| **Milestone** | **Timeframe** | **Key Deliverables** |
| --- | --- | --- |

|  |  |  |
| --- | --- | --- |
| **Setup and Initial Configuration** | Day 1–5 | - Environment setup (Node.js, PostgreSQL, React.js). - Database schema and initial migration scripts. - REST API structure initialized. |

|  |  |  |
| --- | --- | --- |
| **User Management Module Completed** | Day 6–10 | - User registration and login with JWT. - Role-based access control (RBAC) for Admin, Startup, Mentor, Investor, and Alumni roles. - Profile management API. |

|  |  |  |
| --- | --- | --- |
| **Startup Applications Module Ready** | Day 11–18 | - Multi-step application submission API with file upload. - Admin review system (approve/reject/comment). - Application status tracking with notifications. |

|  |  |  |
| --- | --- | --- |
| **Incubation Process Module Completed** | Day 19–25 | - Startup dashboards for milestone tracking and resource allocation. - Notifications for milestones (due/overdue). - APIs for resource tracking and progress monitoring. |

|  |  |  |
| --- | --- | --- |
| **Admin Dashboard and Mentor Assignment** | Day 26–30 | - Admin Dashboard for system monitoring and role management. - Manual mentor assignment from mentor pool by admin. - APIs for mentor availability tracking. |

|  |  |  |
| --- | --- | --- |
| **Mentorship and Training Module Completed** | Day 31–35 | - APIs for managing mentorship sessions (scheduling, feedback). - Training library APIs for uploading and downloading resources. |

|  |  |  |
| --- | --- | --- |
| **Grant and Investor Engagement Module Ready** | Day 36–40 | - Grant Portfolio APIs showcasing startup progress and grant utilization. - Secure Investor Portal for alumni profiles. - APIs for success stories and case studies. |

|  |  |  |
| --- | --- | --- |
| **Post-Incubation and Alumni Module Completed** | Day 41–45 | - Alumni Dashboard for resources and networking. - Check-in APIs for tracking alumni progress. - Event calendar for alumni networking and updates. |

|  |  |  |
| --- | --- | --- |
| **Communication and Collaboration Module Completed** | Day 46–50 | - Slack/Telegram integration for external communication. - Role-specific notifications and reminders. - APIs for cohort-based grouping. |

|  |  |  |
| --- | --- | --- |
| **Frontend Development for All Modules Completed** | Day 51–55 | - User Management, Startup Applications, and Incubation Dashboards. - Mentorship, Alumni, and Investor modules. - Responsive design with React and Tailwind CSS. |

|  |  |  |
| --- | --- | --- |
| **Testing and Refinement Completed** | Day 56–60 | - Unit testing for backend APIs. - Integration testing between frontend and backend. - End-to-end testing with focus groups (admins, startups, mentors). |

|  |  |  |
| --- | --- | --- |
| **Deployment and Launch** | Day 61–66 | - Deploy backend (AWS/Heroku) and frontend (Vercel/Netlify). - Live system testing. - Official system launch and monitoring. |