Week 1 : Project & UI/Backend Setup :

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| Day | Task | Technical Details |
| 1. | Initialize Project | * Create Client (React) and server (node.js) Directories. * Setup a webpack for React. * Initialize Git repository with. gitignore (node\_modules, env files). |
| 2. | Folder Structure | Organize directories   * client/src/components, client/src/styles. * server/models, server/controllers, server/routes. * Configure ESLint/Prettier for code consistency. |
| 3. | Database Setup | * Create MongoDB cluster (Atlas). * Define schemas:   UserSchema (name, email, hashed password, role).  PlantSchema (name, species, careInstructions).   * Use Mongoose for ODM. |
| 4. | Basic UI Layout | * Implement MaterialUI/React Bootstrap . * Create reusable components Header / footer . * Setup React router dom for navigation . * Installation of packages which is required for project. |
| 5. | APIUI Integration | * Develop a test API endpoint (GET /api). * Use Axios to fetch data from the backend. * Handle CORS in Express. |

Week 2 : Authentication :

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| Day | Task | Technical Details |
| 1. | Employee Signup UI | * Create a form with fields: name, email, password, role (dropdown). * Validate inputs using **React Hook Form**. |
| 2. | Signup API | * Build **POST /api/auth/signup** endpoint. * Hash passwords using **bcrypt**. * Save user data to **MongoDB**. * Test API with **Postman**. |
| 3. | Login UI | * Design Login page with fileds Email and password. * Add "Forgot Password" placeholder. * Implement **loading states** during API calls. |
| 4. | Login API | * Create **POST /api/auth/login** endpoint. * Return **JWT token** on success. * Store tokens in **HTTPonly cookies** for security. |
| 5. | Employee Profile | * Extend UserSchema with optional fields (phone, department). * Add **PATCH /api/users/:id** endpoint for profile updates. * Create a **profile page** with editable fields. |

Week 3 : Database & Custom Tags

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| Day | Task | Technical Details |
| 1. | CRUD UI | * Build a **table** using **reacttable** to display plants. * Add **"Add Plant" modal** with form inputs. * Implement **search/filter** functionality. |
| 2. | API Integration | * Create **CRUD API endpoints**:    **GET /api/plants**    **POST /api/plants**    **PUT /api/plants/:id**    **DELETE /api/plants/:id**. * Use **Mongoose middleware** for data validation. |
| 3. | Custom Tags System | * Define **TagSchema** (name, color). * Add **manytomany relationships** between Plant and Tag schemas. * Create **API endpoints** for tag management. |
| 4. | Tag Assignment UI | * Design a **tag selector** (dropdown or chips) in the plant form. * Fetch existing tags via **GET /api/tags**. * Allow **creating new tags dynamically**. |
| 5. | Add Google authentication | * Create account in firebase |

Week 4 :

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| Day | Task | Technical Details |
|  | Add Google authentication | * Implement firebase code to google authentication in project |
|  | Add Facebook authentication | * Implement firebase code to google authentication in project |
| 3.    4. | Work on Ui/Ux | * Work on google authentication and facebook authentication * Create design user friendly . |
| 5. |  | * Work on UI. |
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Week 5 : Admin Panel

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| 1. | Admin Panel | * Create Admin login Page. |
| 2. | Admin Panel | * Create Admin Panel Dashboard Page. * Create Dashboard Page with Dynamic count of data. |
| 3. | Admin Panel | * Add some Tables In Dashboard |
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Week 6 :

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| Day | Task | Technical Details |
| 1. | API | * Create admin panel api . * Integrated api in login page. |
| 2. | API | * Create Api for count detail show to admin dashboard |
| 3. | UI | * Integrated count api in dashboard. |
| 4. | UI | * Create Some other pages in project (Manage Users , Manage Events) |
| 5. | UI | * Create Some other pages in project (Transaction Reports , Platform Analytics) |

Week 7 :

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| Day | Task | Technical Details |
| 1. | API | * Create api for manage users and events. |
| 2. | UI | * Integrated Api In manage Users and Manage Events |
| 3. | API | * Create Api for (Transaction Reports, Platform Analytics) |
| 4. | UI | * Work on UI |
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Week 8 :

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| 1. | API | * Integrated api in transaction reports and platform analytics. |
| 2. | Event Listing and Browsing | * Add event categories with (CRUD). |
| 3. | Event Filters | * Add event Filters . |
| 4. | Event Details UI | * Create Event Details Page. |
| 5. | Ticket Selection | * Users can select ticket types (VIP, Standard, etc.) and quantity. |

Week 9 :

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| 1. | Payment Gateway Integration | * Work on payment Gateway. |
| 2. | Ticket Discounts and Coupons | * applies promo codes or coupons for discounts |
| 3. | Multiple Currency Support | * Allow payments in different currencies |
| 4. | E-Ticket Generation | * Automatically generate e-tickets with QR codes |
| 5. | Download PDF Ticket | * Allow Users to download their tickets as pdf files. |

Week 10 :

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| 1. | Create/Manage Events | * Event organizers can create events, set ticket prices, and manage event details |
| 2. | Customer Communication | * Send emails or notifications to attendees directly. |
| 3. | Multi-Event Management | * Manage multiple events from a single dashboard |
| 4. | Social Media Integration | * Share events directly to social media platforms. |
| 5. | User Reviews and Ratings | * Allow users to review and rate events they attended |

Week 11 :

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| 1. | Responsive Design | * Work The website will be fully responsive for mobile and tablet devices. |
| 2. | UI | * Work on responsive design. |
| 3. | UI | * Work on responsive design. |
| 4. | UI | * Work on responsive design. |
| 5. | Testing | * Admin panel testing. |

Week 12 : Testing

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| 1. | Work on testing | * Check all Web Project |
| 2. |  | * Check all Web Project |
|  |  | * Check all Web Project |
|  |  | * Check all Web Project |
|  |  | * Check all Web Project |

Week 13 :

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| 1. | Testing | * Testing in admin panel. |
|  |  | * Testing in admin panel. |
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|  |  | * Testing in admin panel. |
|  |  | * Testing in admin panel. |

Week 14 : Bug list

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| 1. | Work on buglist | * Work on buglist |
|  |  | * Work on buglist |
|  |  | * Work on buglist |
|  |  | * Work on buglist |
|  |  | * Work on buglist |

Week 15 : Code Upload

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| 1. | Work on live upload code | * Project uploading |
|  |  | * Project uploading |
|  |  | * Project uploading |
|  |  | * Project uploading |
|  |  | * Project uploading |

Week 16 : Live URLand Text

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| 1. | Work on live URL and text | * Work on live project |
|  |  | * Work on live project |
|  |  | * Work on live project |
|  |  | * Work on live project |
|  |  | * Work on live project |