Project Plan – CreAltiva Studio

Team: 4 Programmers (Kevin Chalan, Mateo Cevallos, Daniel Chicaiza, Pablo Collaguazo)
Total Duration: 5 weeks (Oct 10 – Nov 11)

- **Week 1 (Oct 10 – Oct 16) – Sprint 0: Planning and Design**

● Task (All): Analyze the system requirements based on the 8 main features (Automatic Scheduling, Reminders, Payment Tracking, Reports, Calendar, etc.).
● Task (All): Define the system architecture using the MVC model and select database technology (SQL + JSON).
● Task (All): Create UML diagrams (Use Case, Class, and Sequence) for system structure and workflow.
● Task (All): Design interface mockups for the appointment calendar and event display.

- **Week 2 (Oct 17 – Oct 23) – Sprint 1: Core Structure and Database Setup**

Kevin Chalan (Tech Lead): Develop the main system structure (Controller, Model, and View connection).
Mateo Cevallos: Design and implement the database for clients, appointments, and payments.
Daniel Chicaiza: Program the login and user session management module.
Pablo Collaguazo: Develop the visual base for the calendar and appointment interface.

- **Week 3 (Oct 24 – Oct 30) – Sprint 2: High-Priority Features**

Kevin Chalan: Implement the Automatic Appointment Scheduling module (Feature 1 – High).
Mateo Cevallos: Develop the Reminders and Alerts System for important dates (Feature 2 – High).
Daniel Chicaiza: Create the Payment Registration System for completed and pending payments (Feature 4 – High).
Pablo Collaguazo: Design and integrate the Notification and Appointment Display Interface (Features 1 & 2 – High).

- **Week 4 (Oct 31 – Nov 6) – Sprint 3: Medium and Low-Priority Features**

Kevin Chalan: Develop the Service and Payment History Module (Feature 3 – Medium).
Mateo Cevallos: Implement Payment and Order Status Reports generation (Feature 5 – Medium).
Daniel Chicaiza: Program the Reports for Appointments, Clients, Payments, and Orders (Feature 6 – Medium).
Pablo Collaguazo: Finalize the Visual Calendar Interface and add the Photographic Equipment Details Section (Features 7 & 8 – Low).

- **Week 5 (Nov 7 – Nov 11) – Sprint 4: Testing, Validation, and Final Presentation**

Kevin Chalan: Integrate all modules and ensure synchronization between appointments, payments, and reports.
Mateo Cevallos: Conduct validation testing (data consistency, duplicate detection, and user inputs).
Daniel Chicaiza: Perform complete functional and performance testing across all modules.
Pablo Collaguazo: Refine the final user interface design and prepare the visual demo for the presentation.
Team (All): System integration testing, creation of the User Manual, documentation, and final upload to GitHub.