**Revised Budget Breakdown for $20,000 (All Features Included)**

**1. Frontend Development:**

* **Tailwind CSS** for web interface styling and responsive design.
* **Estimated Cost**: $2,500

**2. Backend Development:**

* Core PHP using OOP principles for developing the event management system, enhancing code organization and maintainability.
* **Estimated Cost**: $4,500

**3. Database Design & Integration:**

* MySQL for data management, ensuring proper structure for scalability, event logs, and user data.
* **Estimated Cost**: $1,500

**4. Payment Gateway Integration:**

* Implementation of payment processing with Stripe or PayPal using their PHP SDKs.
* **Estimated Cost**: $1,000

**5. Supplier & Venue Management:**

* Custom OOP-based management system for handling suppliers and venues, allowing for easy updates and modifications.
* **Estimated Cost**: $1,500

**6. Reporting & Analytics Module:**

* Basic reporting functionalities using MySQL queries, with an OOP approach for generating reports.
* **Estimated Cost**: $1,500

**7. Communication Channels Integration:**

* Email notifications setup using PHP mailer and optional integration with SendGrid.
* **Estimated Cost**: $700

**8. Third-Party Integrations:**

* Google Calendar API and basic CRM integrations as needed, implemented using OOP principles.
* **Estimated Cost**: $700

**9. Testing & Quality Assurance:**

* Comprehensive testing for both web and Flutter applications, utilizing OOP practices for better testability.
* **Estimated Cost**: $1,500

**10. Flutter App Development:**

* Development of the mobile application using Flutter, ensuring a cross-platform approach for both Android and future iOS capabilities.
* **Estimated Cost**: $4,000

**11. Cloud Hosting Setup:**

* Setup and configuration of Contabo hosting to ensure compatibility for both web and backend services.
* **Estimated Cost**: $800

**12. Ongoing Maintenance:**

* Initial maintenance setup, including updates, bug fixes, and security monitoring.
* **Estimated Cost**: $1,000

**Total Cost: $20,000**

TIME Frame 4 Moths