#### **Table 1: Technology Plan**

| **Technology** | **Purpose** | **Pros** | **Cons** |
| --- | --- | --- | --- |

| MySQL Database | Store guest data, bookings | Scalable, widely supported | Learning curve for complex queries |
| --- | --- | --- | --- |
| JavaScript (Frontend) | Dynamic user interaction | Widely used, rich libraries (React.js) | Browser compatibility issues |
| Python (Backend) | Server-side processing | Easy integration, extensive libraries | Performance lag for real-time apps |
| AWS Cloud Hosting | Host application securely | Reliable, scalable infrastructure | Costly for long-term use |

#### **Table 2: Learning Plan**

| **Team Member** | **Responsibility** | **Skill Level (%)** | **Learning Plan** |
| --- | --- | --- | --- |

| Bilal Youssef | Frontend Development | 79% | Focus on React.js tutorials |
| --- | --- | --- | --- |
| Riyad Youssef | Team Leader/Coordination | 81% | Improve project management on Coursera |
| Diego Tsukayama | Backend Development | 83% | Django framework |
| Jason Gunawan | UI/UX Design | 79% | Master Figma advanced tools |
| Siam Hasan | Project Manager | 86% | Enhance Agile/Scrum knowledge through certification |

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