Estimated Development & Maintenance Budget

Date: September 13, 2025

# 1. Infrastructure & Hosting (Monthly)

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| Item | Monthly Cost | Notes |
| EC2 (App Servers) | £60–£100 | For 1–2 small servers (auto-scalable) |
| RDS (PostgreSQL DB) | £50–£80 | Managed, encrypted |
| S3 (File Storage) | £10–£20 | For reports, logs |
| Redis (optional) | £15–£30 | Job queue/session cache |
| Load Balancer + Domain | £25–£40 | AWS ELB or Azure Front Door |
| SSL Certificates | Free | Let’s Encrypt or included |

Estimated Monthly Infrastructure: £160 – £250  
Estimated Annual Infrastructure: £2,000 – £3,000

# 2. Third-Party Services (Monthly)

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| Service | Monthly Cost | Notes |
| Twilio SMS | £40–£100 | £0.04–£0.08/SMS |
| SendGrid (Email) | Free – £15 | Email delivery |
| Auth0 (Auth) | Free – £50 | Free up to 7,000 users |
| Sentry / Monitoring | Free – £30 | Error tracking |
| Pingdom / Uptime | £10–£20 | Optional |

Estimated Monthly Third-party Services: £100 – £200  
Estimated Annual Services: £1,200 – £2,400

# 3. Total Estimated Budget (Year 1)

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| --- | --- |
| Category | Estimate |
| Infrastructure (Annual) | £2,000 – £3,000 |
| Third-party Services (Annual) | £1,200 – £2,400 |

Total Estimated Year 1 Cost: £3,200 – £5,400

Other expenses like LLM and ML ranges and can be calculated based on pay per use (token usage or per hour).