

## 4-Months Development Timeline & Budget:

### Timeline (Based on 16 Weeks):

- Phase 1: (1-2 Weeks)
  - Core Feature Definition: Understanding the needs and requirements
  - Design Definition: Recreating the needs in a designable format
  - Tech-Stack Definition: Defining tech stack based on Core-Feature and Design
  - Better timeline Definition once the first three requirements are met.
- Phase 2: (3-6 Weeks)
  - User authentication and Database Schema
  - LLM Integration
  - Setting up RAG
  - Building API for Text-Handling
- Phase 3: (7-10 Weeks)
  - Designing a basic interface
  - AI Implementation
- Phase 4: (11-13 Weeks)
  - Quiz Generation
  - Bookmarking-Session History
  - Customization and Changes
- Phase 5: (14-16)
  - Testing
  - Optimization
  - Deployment

### Development Budget:

- Hosting (AWS-MongoDB) = (60\$-120\$) (Depends on scalability)
- AI API Calls (If OpenAI) = (120\$-240\$)
  - Custom Models can be free but might take some time to set up.
- Storage System(Atlas) = (25\$-60\$)

Development Time (308 Hrs within the span of 77 days): 8\$/hr

Total Price: 2464\$