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**08132371012, 08141656572**

**PROPOSAL FOR DESIGN AND DEVELOPMENT OF E-ERRAND MOBILE APPLICATION FOR IOS/ANDROID DEVICES AND A LANDING PAGE WEBSITE (PORTFOLIO)**

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The application will be developed in phases which will accommodate appropriate matching of user’s request to nearest service agents (errand executors). The architecture of the system will be channeled towards a quick search, monitoring of user’s request data, security of confidential information, proximity match and payment system integration.

These phases will be based as follows;

* [Admin, User, Agent] Modules to be implemented (30+ Modules) (based on rough estimation
* Map API Integration (Street view and user location matching)
* Payment API keys acquisition and integration
* Implementation of Cloud Services (AWS Hosting)
* Domain Selection and purchase
* SSL Security Integration

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| **MOBILE MODULES (Estimation)** |
| **Administrator** |
| Administrator Login/Recover Password |
| Administrator Register |
| User request monitor (List/View/Cancel) |
| Transaction Tree (View/Cancel) |
| User’s Tree (View/Ban) |
| Agent Tree (View/Ban/Approve Account) |
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| **Agent** |
| Agent Login/Recover Password |
| Agent Registration |
| Order Tree (Accept/Cancel/Deliver) |
| Order Execution History |
| Earning Tree (View/Withdraw) |
| Profile Edit |
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| **User** |
| User Registration |
| User Login / User Recover Password |
| User Login with social media |
| Request/Order (Create/Cancel/Report) |
| Order History |
| Agent Matching Search (Proximity) |
| User Wallet (Add Funds) |
| Transaction History (with date range search) |

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| **WEBSITE MODULES** |
| Homepage |
| Services Page (other subpages depicting companies services) |
| About us Page |
| Contact us page (with contact form) |

**COST ESTIMATE**

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| **Task** | **Cost** |
| System Analysis, Strategy and Research | N50,000 |
| Mockup and User Interface Design | N 330,000 |
| Application Logic implementation | N 500,000 |
| Testing and deployment | N 70,000 |
| **Total** | **N 950,000** |

**Note:** Google Map API charges around $14 per 1,000 user request. The implementation budget covers 5000 user’s request. Subsequent request will be charged from client’s purse.

**DELIVERY SCHEDULE**

1. User Requirement understanding Process - 3 Weeks

2. Requirement Specification with sample layout ‐ 2 Week.

3. Software wireframing and mockup – 3 Weeks.

3. Building and implementation – 10 Weeks.

4. Inclusion of the suggestions and Modifications ‐ 4 Weeks

5. Testing & Completion – 3 Weeks