**NESTFINDER - BUSINESS REQUIREMENTS**

# PROJECT DETAILS

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| PROJECT NAME | | |
| NestFinder | | |
| CREATOR | | |
| Harshvardhan Soni | | |
| DOCUMENT NO. | DATE | VERSION NO. |
| NestFinder-Business-Requirements-Document-V1.0 | 04/01/2024 | V1.0 |

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| 1. EXECUTIVE SUMMARY SNAPSHOT |
| Provide an executive summary (overview of your business requirements) here. Your executive summary should be a “snapshot” of the purpose of your business requirements, including a brief description of any analysis, findings, project details, scope, business drivers, proposed process, current process, and functional requirements. An executive summary provides an overview of a larger document or of research and is usually the first thing your reader will see. Here are the questions you should answer when writing your business requirements executive summary:  - What is the goal (purpose) of this business requirements document (BRD)?  - Who is the audience for this business requirements document? |
| NestFinder is a web-based AI-powered SaaS platform that revolutionizes the property search experience by efficiently matching buyers and renters with ideal homes. Utilizing advanced algorithms and a user-friendly interface, NestFinder saves users time, effort, and stress while navigating the housing market. This document outlines the business requirements for developing and launching NestFinder, ensuring it seamlessly connects with user needs and stakeholder expectations. |

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| 2. PROJECT DESCRIPTION |
| In this section, describe the project for which you are writing this business requirements document. Describe the project’s purpose, what the current process/solution is for the project, what the challenges are, and why you need to undertake the project. |
| **Primary Objective**:  Enhance user satisfaction and retention by delivering a fast, effective, and personalized property search journey.  **Secondary Objectives:**  Expand market reach and attract new users through cutting-edge AI technology and a user-centric design.  Generate revenue through strategic advertising and collaborations with landlords and property managers, real estate agents, and financial service providers.  Establish NestFinder as a reputable and reliable brand in the online property search landscape.  Evolve from a search platform to a comprehensive SaaS ecosystem for the real estate market.  **Target Audience**  **Primary Audience**: Individuals actively buying or renting properties, including:   * First-time homebuyers. * Renters. * People relocating. * Investors seeking real estate opportunities.   **Secondary Audience:**   * Landlords and property managers. * Real estate agents. * Financial service providers (e.g., mortgage lenders, insurance companies). |

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| 3. PROJECT SCOPE | |
| Provide a high-level description of the project’s scope, including a list of project-specific goals, tasks, deliverables, costs, deadlines -- everything that is “in” and “out” of scope for the project. This information provides team members with guidelines for the scope of the project, so they can plan and resource accordingly. | |
| Functional Requirements  User Search:   * Intuitive search filters: Location, price range, property type, amenities, accessibility features, move-in date, pet-friendliness, etc. (with granular options and pre-set filters for common preferences). * Personalized recommendations: Powered by AI algorithms that analyze user preferences, search history, and market trends to suggest suitable properties. * Interactive map interface: Visualize available properties within desired parameters, with overlays for relevant data (e.g., crime rates, school districts). * Comprehensive listing pages: High-quality photos, immersive virtual tours, detailed property descriptions, floor plans, neighborhood information, and owner/agent contact details.   User Management:   * Secure user accounts: Robust login and registration functionalities with two-factor authentication and data encryption. * Customizable saved searches and favorite listings: Organize and quickly access desired properties. * Direct communication channels: Integrated messaging system for communication with landlords/agents, real estate agents, and financial service providers. * Streamlined application and lease management tools: For renters, simplify application submission, track application status, and securely manage lease documents.   Property Management:   * Effortless listing creation and management: Add, edit, and update property information with ease. * Lead generation and contact management: Efficiently track leads, manage inquiries, and schedule property viewings. * Performance dashboards and analytics: Gain insights into listing engagement, conversion rates, tenant profiles, and market trends. * Potential integration with existing property management software: Seamless data exchange for increased efficiency.   AI Matching:   * Sophisticated machine learning algorithms: Analyze user preferences, property features, market data, and historical trends to deliver accurate and personalized matches. * Continuous learning and improvement: Algorithm refinement based on user feedback and market changes for greater accuracy over time. * Explainable AI features: Provide users with transparent insights into why they receive specific recommendations, building trust and user confidence.   Additional Features for SaaS Platform:   * Predictive Real Estate Analytics: Leverage AI to forecast rent/sale prices, identify investment opportunities, and assess tenant/buyer profiles. (Highly demanding, requiring significant investment in AI and computational resources). * Tenant Management Tools: Integrated financial management for rent payments, utilities, and insurance. Community building features, maintenance request portals, and automated repair scheduling. * Landlord/Property Manager Tools: Comprehensive tenant screening and risk assessment. Automated rent collection and lease management. Advanced marketing and lead generation tools. Maintenance management system. * Real Estate Agent Tools: Streamlined lead generation and client management. AI-powered market analysis and property valuation tools. Collaborative platform for agent networking and referral exchange.   Non-Functional Requirements   * Security: Industry-standard security protocols to safeguard user data and privacy (e.g., GDPR compliance). * Scalability: Ability to handle high traffic volumes and data loads without performance degradation. * Accessibility: WCAG-compliant interface for inclusive access by all users. * Responsiveness: Optimized user interface for seamless experience across all devices (desktop, mobile, tablet). * Performance: Fast loading times and instant response to user actions. * User Interface: Clean, intuitive, and user-friendly interface that is easy to navigate and understand. | |
| IN-SCOPE ITEMS | OUT-OF-SCOPE ITEMS |
| Item 1: | Item 1: |
| Item 2: | Item 2: |
| Item 3: | Item 3: |
| Item 4: | Item 4: |
| Etc. |  |

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| 4. BUSINESS DRIVERS | |
| Enter the reasons (i.e., business drivers) why your business is initiating the project. In short, Why are you undertaking the project? Examples might include the following: legal requirements, cost savings with a more efficient practice, updated import/export laws, improved efficiency, improved sales, etc. | |
| **Business Driver 1:** | Provide a detailed explanation for this driver... |
| **Business Driver 2:** | Provide a detailed explanation for this driver… |
| **Business Driver 3:** | Provide a detailed explanation for this driver… |
| **Business Driver 4:** | Provide a detailed explanation for this driver… |

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| 5. PRESENT PROCESS UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO |
| Provide details of your current, prevailing process for addressing the primary issue your project attempts to solve. Feel free to include diagrams, flowcharts, or other visuals to illustrate the current process. |
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| 6. PROPOSED PROCESS UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO |
| Provide details of the proposed process for addressing the primary issue your project attempts to solve. Feel free to include diagrams, flowcharts, or other visuals to illustrate the proposed process. For this process, we recommend that you use the same illustrative tool/style that you used for your present/current process (above). |
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| 7. FUNCTIONAL REQUIREMENTS UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO |
| Detail the project’s functional requirements by enumerating the ways in which the current process addresses the issue and by describing the functional requirements necessary to make the project successful. |
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| – PRIORITY | | |
| Use the following priority table. It allows you to apply a ratings system to your requirements, so you have the visibility (into the value, status, and description of each requirement) that is necessary for determining whether a particular requirement is essential to project success. | | |
| **VALUE** | **STATUS** | **DESCRIPTION** |
| 1 | Immediate | The requirement is critical to the project’s success. Without fulfilling this requirement, the project is not possible. |
| 2 | High | The requirement is high priority re the project's success, but the project could still be implemented in a minimum viable product (MVP) scenario. |
| 3 | Moderate | The requirement is important to the project’s success, as it provides value, but the project could still be implemented in an MVP scenario. |
| 4 | Low | The requirement is of low priority, but the project’s success is not dependent upon it. |
| 5 | Prospective | The requirement is out of the project’s scope and is included as a possible component of a prospective release and/or feature. |

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| – CATEGORIES (RC1) | | | |
| In this section, detail the project’s functional use; break down your project’s requirements into categories so that they’re easy to understand. You can duplicate this section for any successive project categories as needed. The following table includes a unique ID for each requirement, the details of each requirement, the priority of each requirement, and the name of the person who is driving or is responsible for the requirement. Include descriptions of how the current process addresses the issue. Also include the functional requirements necessary to achieve success. | | | |
| **ID** | **REQUIREMENT** | **PRIORITY** | **RAISED BY** |
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| 8. NON-FUNCTIONAL REQUIREMENTS UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO | |
| Detail all non-functional requirements (NFRs) of the project, including such things as features, system behavior, and project characteristics that relate to user experience. | |
| **ID** | **REQUIREMENT** |
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| 9. GLOSSARY UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO | |
| For easy reference, enter any terms, abbreviations, and/or acronyms that you include in this document. | |
| **TERM/ABBREVIATION** | **EXPLANATION** |
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| 10. REFERENCES UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  YES  UNKNOWN  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO  NO | |
| Provide links to all referenced resources (websites, documents, etc.) throughout this document. | |
| **NAME** | **LOCATION** |
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| 11. APPENDIX |
| Include any additional information for reference, e.g., process details, analysis results, studies, third-party examples, etc. |
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