Scope Statement (Version 1.0)

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| **Project Title: NutriScope Health Tracker**  **Date: 26th March 2024** **Prepared By: Jayesh Pamnani** |
| **Project Justification:**  The NutriScope Health Tracker project aims to address the growing demand for a comprehensive and user-friendly health-tracking solution. By integrating various health metrics, personalized recommendations, and seamless device integration, the application empowers users to achieve their fitness goals and maintain a healthier lifestyle. The project aligns with current health management trends and taps into a market with immense potential, offering a unique value proposition to users. |
| **Product Characteristics and Requirements:**   1. User-friendly interface for easy navigation and data input. 2. Personalized health profile with user details like name, age, gender, weight, dietary preferences, medical conditions, and activity level to tailor the app's features and recommendations to each user's unique needs. 3. Manual logging of meals, water intake, and physical activity. 4. Integration with wearable devices for automatic activity tracking. 5. Personalized calorie and nutrient recommendations based on profile. 6. Meal photo upload for calorie estimation using AI/ML algorithms: Users can upload meal photos, and the app will employ computer vision and machine learning algorithms to identify food items, estimate portion sizes, and provide accurate calorie and nutrient information for the meal. 7. Graphical representations of health trends and progress over time: The app will display interactive charts, graphs, and progress bars to visualize users' health metrics, such as weight, calorie intake/burn, macronutrient distribution, activity levels, and sleep patterns, enabling easy monitoring of their progress over time. 8. Goal setting and tracking for personalized health objectives. 9. Reminders and notifications for water intake, mealtimes, and activity. 10. Data privacy and security measures for user health information. |

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| **Summary of Project Deliverables**  **Project management-related deliverables:** Business case, project charter, team contract, scope statement, WBS, schedule, cost baseline, status reports, final presentation, final report, lessons learned report, and other required project management documents.  **Product-related deliverables:** Requirements documentation, design specifications, software code (mobile app and backend), testing reports, user manuals, training materials, and deployment guides.   1. Functional and non-functional requirements documentation. 2. User interface design and prototypes. 3. Mobile application codebase (iOS and Android). 4. Backend server and database infrastructure. 5. Integration with third-party APIs and wearable device SDKs. 6. Test plans, test cases, and test execution reports. 7. User manuals and training materials for end-users. 8. Deployment and maintenance guides for IT operations. |

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| **Project Success Criteria:**   1. Achievement of the defined project objectives and requirements. 2. Passing all tests before product deployment would be a way to ensure the application is ready and functioning as expected. 3. Successful deployment and launch of the application. 4. Receive positive user feedback and satisfaction ratings, indicating that the application effectively addresses user needs and delivers substantial value. 5. Attract 100,000 daily active users by the end of the second year of initial deployment. 6. Witness a 10% improvement in key health metrics among users by the third year of initial deployment. 7. Reach a positive return on investment (ROI) within the third year of initial deployment. 8. Achieve a significant market share and establish NutriScope as a transformative tool in the health and wellness market. 9. Ensure compliance with all relevant data privacy regulations and maintain user trust in handling sensitive health information. 10. Establish a process for ongoing product maintenance, support, and enhancement based on user feedback and evolving market trends. |