**Project Summary**

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| **Company Name/ Team Name** | Bun Tau Industries | |
| **Company Address** | 52 Post Road, Toronto, Ontario, M3B 1H8 | |
| **Company Website** | www.buntauindustries.com | |
| **Telephone** | 416-415-2000 | |
| **Company Contact/ Team member names** | CRN: 15718  Solano, Jacob  Tran, Duc Thien  Behan, Ronan  Nguyen, Nhu Nam  Vu, Simon | |
| **Title** | (in order) Founder, Lead Senior Developer, Product Manager, User Experience Researcher | |
| **Company Email/ Email address for all team members** | Jacob.Solano@georgebrown.ca  ducthien.tran@georgebrown.ca  101366894@georgebrown.ca  nhunam.nguyen@georgebrown.ca  101415605@georgebrown.ca | |
| **Telephone** | 416-702-3697 | |
| **Project Title** | Gym Buddies – Workout Buddy Finder | |
| **Project**  **Description** | **About the company:**  Bun Tao Industries is a tech startup made up of fresh graduates from George Brown College. Our mission is to develop cutting-edge software applications that address real-world problems across various industries. The company focuses on user-centric design and utilizing the latest technologies to create products that enhance people's lives and optimize business operations.  **About the project:**  GymBuddies is a mobile application designed to allow people interested in a workout buddy to connect with each other. The app matches users based on their fitness levels, goals, workout schedules, and location preferences. Gymgoers usually have a problem with motivation and accountability and this app would help fix those issues by allowing users to connect with each other. Additionally, the app allows users to connect through physically related hobbies such as swimming, running, and sports, extending the users beyond the gym setting. | |
| **Problem/**  **Opportunity Assessment \*** | *Please describe current state problem/opportunity that describes the nature and extent of the problem (factual, quantified, concise), or that outlines a chance for advancement or progress.* | |
| 1.  2.  3. | 1. Many individuals struggle with motivation and consistency in their fitness routines, often leading to abandoned gym memberships and unmet health goals. 2. There's a growing trend of people seeking social connections through fitness activities, but existing solutions (no mobile application in the market) don't effectively match partners based on specific workout preferences and schedules. 3. Urban environments with diverse populations and numerous fitness facilities create an ideal setting for a localized fitness partner matching service. |
| **Desired Project**  **Outcomes/**  **Requirements\*** | *Define how this project shall address a business need, e.g. the business problem or opportunity described above; describe what the beneficiary must be able to do / receive from the solution* | |
| 1. | 1. Develop a user-friendly mobile application available on iOS and Android platforms that allows users to register using their email or phone number, create profiles, set fitness goals, and input workout preferences. 2. Implement a matching algorithm that pairs users based on compatibility in workout goals, schedules, gym locations, and shared physically related hobbies (such as swimming, running, or specific sports). 3. Integrate geolocation services to help users find nearby gym partners. 4. Create a secure in-app messaging system to facilitate communication between matched users. 5. Implement safety features, including user verification and reporting systems, to ensure a safe and positive user experience. |
| **Key Deliverables to be produced by students\*** | *Define the boundaries of work that you expect to receive from the students effort (vs. internal effort)* | |
| 1.  2.  3. | 1. Fully functional Gym Buddy mobile application for iOS and Android platforms. 2. Backend server infrastructure to support user data management, matching algorithm, and API services. 3. Comprehensive documentation including user manuals, API documentation, and system architecture diagrams. 4. Final presentation and demo of the application, showcasing key features and potential for scalability. |
| **Desired Start Date** | September 16, 2024 | |
| **Desired End Date** | March 28, 2025 | |
| **Attachments** | *List attachments that support project description* | |
| 1 | Wireframes and Design Mockups |
|  | 2 | System Architecture Diagrams (DFD, ERD, Component Diagrams, Use Case Diagrams, etc.) |
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\* Please add fields as required