**BEEF AND BROCOLLI**

**20/11/2024**

**CAMPUS SAFETY APP PROPOSAL**

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**Date:**  
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1. **Background**

### ****Background****

Student safety is a critical concern for academic institutions. Many campuses struggle to provide students with quick access to emergency services and real-time safety updates. To address this, we propose the **Campus Safety App**, a mobile solution designed to improve campus security. The app will give students essential tools to connect with campus security and emergency services quickly, creating a safer and more secure environment.

**2. Objectives**

* **Provide real-time access** to emergency contacts and campus security updates.
* **Facilitate immediate response** through features like a panic button and live chat.
* **Enhance situational awareness** with a real-time safety map and geolocation sharing.
* **Reduce response times** during emergencies by integrating advanced notification systems.
* **Improve campus-wide safety culture** through accessible and reliable technology.

**3. Project Description and Scope**

**Proposed Features:**

* **Panic Button:** Allows students to send an immediate distress signal to campus security with their geolocation.
* **Live Chat:** Enables real-time communication with security personnel.
* **Safety Map:** Provides a real-time view of safe zones, security alerts, and areas to avoid.
* **Emergency Contacts:** Quick access to on-campus and off-campus emergency numbers.
* **Push Notifications:** Real-time security updates and alerts directly on your device.

**Scope**

**Included:**

* Development of the mobile app for both iOS and Android platforms.
* Integration with campus security systems.
* Maintenance and support for the first year post-deployment.

**Excluded:**

* Procurement of devices for campus security staff.
* Data network charges for end-users.

**4. Assumptions and Constraints**

**Assumptions:**

* The client will oversee the procurement of mobile devices for campus security staff.
* Campus network infrastructure will support the app's operations.

**Constraints:**

* The project must be delivered within a **6-month timeline**.
* The budget is estimated at **$50,000**, including all development and deployment costs.
* All data shared via the app must comply with **GDPR and FERPA standards**.

**5. Deliverables and Milestones**

**Deliverables:**

1. Requirements Specification Document
2. Prototype Demonstration
3. Fully Functional Mobile App (iOS and Android)
4. User Training Materials
5. Maintenance Support for One Year

**Milestones:**

* Week 2: Requirements Gathering Completed
* Week 6: Design Prototype Approval
* Week 12: Beta Version Testing
* Week 20: Final App Deployment

**6. Project Schedule**

**7. Project Budget Summary**

|  |  |
| --- | --- |
| **CATEGORY** | **ESTIMATED COST(#)** |
| Requirement Analysis | 4,000,000 |
| Design and prototyping | 10,000,000 |
| Development | 20,000,000 |
| Testing and deployment | 10,000,000 |
| Support and maintenance | 6,000,000(annually) |

**TOTAL = #50,000,000**

**8. Pricing Information**

The app will be sold to other institutions at **#3,500,000 per campus**, and we expect about **20 schools** to buy it in the first year.

**9. Team Profile**

* Full-stack Developer specializing in mobile apps.
* UX Designer with experience in safety-critical systems.
* Project Manager with a track record in delivering security solutions.
* Quality Assurance Engineer specializing in app testing.
* Business Analyst experienced in requirement gathering and documentation.

**10. Definitions and Abbreviations**

**GEOLOCATION**- The identification of the geographic location.

**PUSH NOTIFICATION**- Automated messages sent directly to the app.

**11. References**

1. Campus Safety Magazine (2023): Trends in Campus Security Technology.
2. Open-source API documentation for geolocation services.

**12. Key Stakeholders**

| **Category** | **Name** |
| --- | --- |
| Sponsor | [Babcock university] |
| Client | [Babcock Team] |

**13. Terms and Conditions**

* **Payment Terms:**
  + 15% Non-refundable deposit upon approval.
  + 70% upon notification of completion.
  + 15% within 21 working days after deployment.

**Approval Signatures**

[Name] [Name] [Name]

Project Client Project Sponsor Project Manager