**Vision and Scope Document**

**for**

**Asia Pacific College Violation System**

**Version 1.3**

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**1. Business Requirements**

<The business requirements provide the foundation and reference for all detailed requirements development. You may gather business requirements from the customer or development organization’s senior management, an executive sponsor, a project visionary, product management, the marketing department, or other individuals who have a clear sense of why the project is being undertaken and the ultimate value it will provide, both to the business and to customers.>

**1.1. Background**

<This section summarizes the rationale for the new product. Provide a general description of the history or situation that leads to the recognition that this product should be built.>

Our primary focus is to expedite Asia Pacific College’s current way of handling violations. It will be implemented both a web and mobile application.

**1.2. Business Opportunity**

<Describe the market opportunity that exists or the business problem that is being solved. Describe the market in which a commercial product will be competing or the environment in which an information system will be used. This may include a brief comparative evaluation of existing products and potential solutions, indicating why the proposed product is attractive. Identify the problems that cannot currently be solved without the product, and how the product fits in with market trends or corporate strategic directions.>

**1.3. Business Objectives and Success Criteria**

<Describe the important business objectives of the product in a way that is quantitative and measurable. The value provided to customers is described in section 1.4, so this section should focus on the value provided to the business. This could include estimates of revenue or cost savings, return on investment analysis, or target release dates. Determine how success will be defined and measured on this project, and describe the factors that are likely to have the greatest impact on achieving that success. Include things within the direct control of the organization, as well as external factors. Establish measurable criteria to assess whether the business objectives have been met.>

**1.4. Customer or Market Needs**

<Describe the needs of typical customers or market segments, including needs that are not yet met by the marketplace or by existing systems. You may wish to describe problems customers currently encounter that the new product will (or will not) address and how the product would be used by customers. Identify the customer hardware and software environment in which the product must operate. Define at a high level any known critical interface or performance requirements. Avoid including any design or implementation details. Present the requirements in a numbered list so that more detailed user or functional requirements can be traced to them.>

**1.5. Business Risks**

<Summarize the major business risks associated with developing this product, such as marketplace competition, timing issues, user acceptance, implementation issues, or possible negative impacts on the business. Estimate the severity of the risks and identify any risk mitigation actions that could be taken.>

**2. Vision of the Solution**

<This section establishes a long-term vision for the system to be built to address the business objectives. This vision will provide the context for making decisions throughout the course of the product development life cycle. The vision should not include detailed functional requirements or project planning information.>

**2.1. Vision Statement**

Our vision is established into process through our application and a focus on systematic management, an application to benefit our school, and a commitment to develop the application in its best way possible in compliance with our school’s standards. At Asia Pacific College, we’re committed to be a premier educational institution that aims to develop well equipped graduates with Project Based Learning.

**2.2. Major Features**

1. The Discipline Office can:

o Create an account by providing:

- Name

- Username

- Password

o Log in or Log out their account.

o Issue a violation to a student by providing:

- Student’s ID Number - Student’s Phone Number

- Student’s First Name

- Student’s Last Name

- Violation Description

o Delete a violation issued within the day using the Student’s ID Number

o View violation records using Student’s ID Number

2. The Guards can

o Create an account by providing:

- Name

- Username

- Password

o Log in or Log out their account.

o Issue a violation to a student by providing:

- Student’s ID Number

- Student’s First Name

- Student’s Last Name

- Violation Description

- Student’s Phone Number

3. The Students can

o Create an account by providing:

- Name

- Username

- Password

o Log in or Log out their account.

o View violation records using Student’s ID Number

4. The application will notify the students of added violations in their account by sending an SMS to the phone number specified in the violation record

**2.3. Assumptions and Dependencies**

<Record any assumptions that were made when conceiving the project and writing this vision and scope document. Note any major dependencies the project must rely upon for success, such as specific technologies, third-party vendors, development partners, or other business relationships.>

**3. Scope and Limitations**

• The application requires Internet Connection to connect to the remote database.

• The roles are assigned manually.

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**3.1. Scope of Initial Release**

<Describe the intended major features that will be included in the initial release of the product. Consider the benefits the product is intended to bring to the various customer communities, and generally describe the product features and quality characteristics that will enable it to provide those benefits. Avoid the temptation to include every possible feature that any potential customer category might conceivably want some day. Focus on those features and product characteristics that will provide the most value, at the most acceptable development cost, to the broadest community.>

**3.2. Scope of Subsequent Releases**

<If a staged evolution of the product is envisioned over time, indicate which major features will be deferred to later releases.>

**3.3 Limitations and Exclusions**

<Identify any product features or characteristics that a stakeholder might anticipate, but which are not planned to be included in the new product.>

**4. Business Context**

<This section summarizes some of the business issues around the project, including profiles of major customer categories, assumptions that went into the project concept, and the management priorities for the project.>

**4.1. Stakeholder Profiles**

**Discipline Office:**

* improved productivity
* reduced rework
* cost savings
* automation of previously manual tasks
* ability to perform entirely new tasks or functions
* conformance to current standards or regulations
* improved usability or reduced frustration level compared to current system

**Guard:**

* improved productivity
* reduced rework
* automation of some previously manual tasks
* ability to perform entirely new tasks or functions
* conformance to current standards or regulations
* improved usability or reduced frustration level compared to current system

**Student:**

* improved productivity
* reduced rework
* automation of some previously manual tasks
* ability to perform entirely new tasks or functions
* conformance to current standards or regulations
* improved usability or reduced frustration level compared to current system