1.1 Background – One of the most problem in the barangay is using their old system that uses pen and paper. The problem with this, is the data that has been given to the barangay officials by the citizen is not really secured and sometimes not authentic. For example the citizen of the barangay will be requesting for the barangay ID, the officials will question them about their name and how long they stayed in the barangay. Knowing that the citizen can faked the given data. In our system we strongly ensure that the data is legit and authentic. We will provide security features in the system and authentication, and make use of the data in future use.

1. Business Requirements – One of the business requirement of the Barangay System is to ensure the security of the database. Also it is efficient to use so that it can be accessible in any place as long as the user has an internet connection.

1.2. Business Opportunity – The “Barangay System” should be implemented by the Barangays because the system has its user friendly environment also it is efficient and secured. The system will make sure the data that has been registered is authentic. The citizen of the barangay can register to the system in any age, and make use of the data in future and requesting for available services/documents. The system has its added feature that will give news, updates and tips for the specific barangay to get know more about what’s happening in the their barangay. The system will automate the general services offered by the barangay like barangay ID, clearance, business permits and more, so that the citizen can request the specific services in their homes and other places as long as they have internet connection and they will be notified if the requested services is ready to receive. Also the system can tracked down the incomplete process, missing file, and incorrect file send of the citizen in the requesting process, so that both citizen and official know what the error in the process and put correctly the right file or process.

1.3 .Business Objectives and Success Criteria – The objective of the system is to ensure efficiency and security. By now. The system does not need any estimates of revenue or cost savings, because the application will be handled by the barangay officials and it will used by the masses. The transaction part will be on the barangay premises because if the requested document has a cost. The citizen will literally go to the barangay to get his requested file and pay for specific amount.

1.4. Customer or Market Needs – Most of the barangay still uses the old system like pen and paper. The problem with this is that the data given by the citizen can be faked. The Barangay System will make sure that the data is genuine and secured in a way that the collected data that store in the database will not be released and only in the barangay premises.

Barangay System Display

- Registration Form (all fields are required)  
 - Selection of the available services  
 - Tracking of file   
 - Notification bar  
 - Bulletin includes News, Updates, Tips, Events and etc.

1.5. Business Risk – The risk that the user will be facing when the user uses the Barangay System will be, if possible.

The Notification of the request - One of the barangay official will be controlling all the requests of the citizen. The official must be responsible and active to notify the citizen about their requests, if not. The citizen who is request for the document, will not be notify and will not be informed about the errors and time receive for the requested document.

Loss of Internet Connection – If the user requesting for the document and the internet connection suddenly stops, we will not ensure if the system saves the previous process or it could be restart the process.

3.2 Scope of Subsequent releases – For the development of the system. We will be focusing on the main process/feature of the system, like the registration process, requesting, notifications and much more. It will take much time to test and to code every process. The only major feature will be deferred to later release is the minor features of the barangay system like the bulletin feature, because it will just display news, events, tips, and updates of the barangay.

2. Vision of the Solution – We have this vision that the Barangay System will be developed correctly. We will make sure we chose the right decision and organized everything on time as long as possible.

2.2. Major Features – These are the major features of the Barangay System  
 Document Requesting - The documents like Barangay ID, Barangay Clearance, Sedula and any  
 other common documents requested in the barangay will be automated in the Barangay System. It requires internet connection, so that the process will be real time.

Requested File Notification – This will notify the user in the system, if the requested file is ready to claim to their specific barangay.

Bulletin – This feature will display will be display about NEWS, updates, events, tips and etc. Especially about health, education and information.

2.3. Assumption and Dependencies – The assumption will be if the system successfully received the request and process it, possibly the system will be upgraded that will add more services and other features needed.

PROJECT PLAN  
1.1. Purpose, Scope, and Objectives