**2.1 Introduction:**

Recognition of need is the preliminary survey of finding what the problem or opportunity is. The statement of scope and objectives can be determined by an initial investigation which can judge a problem before it can be solved. One must know the reason of changing any existing system before designing a new candidate system. The basis for a candidate system is recognition of a need for evaluating and improving an information system or a procedure. After this initial investigation, an organization decides whether an alternative system can solve the problem, whether parts of the existing system can solve the problem or there is a need to introduce a fully new candidate system for computerization. If the problem is serious enough the organization assigns an analyst to look into it, verifies if the problem is solve worthy or not. For designing new and efficient candidate system or improving the existing system the problem finding is must.

**2.2 Recognition of need:**

**2.2.1 Lack of information in website:**

As Bangladesh Sericulture Research & Training Institute(BSRTI) is a government institute, they do not have any website of their own. They use a domain of website which is controlled by government. They update and modify different field of the website called www.bsb.gov.bd but main control is owned by government. But the website is not well organized. When a person first visits their website he or she might get confused where to search first. It is also seen that are the information are not available in some pages. A person can find a number of pages available without any information. They only created those page but not modified or updated yet. It is also seen that the information is not well modified and updated on other pages. As a result, people can not find up to date information of current days. But it is desirable to get enough information by visiting a website.

**2.2.2 Not having any system analyst:**

Systems analysts act as an important connection between the business' needs with the system end-user. They communicate with multiple stakeholders to learn about business requirements and to create technical solutions for these issues. Some requirements are very complex and required technical skill to deal with them.

There is no system analyst in BSRTI. The Personal Assistant to Director General handles the technical issues if required. He is the only person who is well introduced with computer and deals with this sector. As it is not the only job of him it is often becomes difficult to investigate and monitor whether the system is technically sound or not. Another job of system analyst is to check whether any modification is needed in the existing system and if needed what will be the candidate system look like. As there is no specific person for system analysis, this checking often remains unnoticed by the PA to DG. Again as he is not well knowledgable about system analysis, the use of new technology to enhance the existing information system often remains in the darkness.

**2.2.3 Limitations in publicity:**

BSRTI is a government business organization and also a module for those entrepreneur who want to start business with sericulture and want to produce silk products. One of the main objective of this organization is to hold the tradition of producing and using silk clothes. For achieving this objective and inspiring people to work more with silk product publicity is a must. BSRTI has an e-commerce website named Rajshahi Silk factory Bangladesh to sell and publication of silk product. But the activity of this website is limited. Most of the people not even heard of this website. The range of contact is also limited because of lack of advertisement. There is also in need of an android application which is more suitable to reach people.

**2.3 Conclusion:**

Bangladesh Sericulture Research & Training Institute(BSRTI) is a government business organization and also a module for those entrepreneur who has interest in producing silk product. As we are analyzing on the existing system of this organization we have found some problems and the problems were identified by conducting initial investigation. As the first and foremost process of improving an existing system and finding out whether the system is defect free and can satisfy the customer according their need is identifying the problem before it can be solved, we wanted to gather the problems. Still we are not sure about whether the problems are worth solving or not and how the problems can be solved, which alternatives are feasible for the organization to sort out the problems. There are many considerations before proposing a candidate system. The next step is to prepare an initial feasibility analysis on these problems. In the next chapter we will focus on finding different alternatives to solve these problem in easy and efficient ways.