**Feasibility analysis**

**Q1. What if the system wasn’t implemented?**

The amount of time taken to detect and solve errors would take much more time in traditional systems as compared to an Agile based framework. The developers can give their solutions to customer using other techniques that will be much more suitable.

**Q2. What are current process problems?**

In Agile product development system the current process problems include security problems, changing or removing the product development team before the start of the developing of the product, safety requirements should be followed on hand because it can put our system data in serious threats, time management should be there for each modules and the team assigned to it, Communicating effectively with customers during the time if the customer want any change after looking in the timeline of his product and last but not the least adapting to changes in business requirements while minimizing wasted efforts.

**Q3. How will the proposed system help?**

This subsystem will help the customers as it will become easy to communicate and interact with the employees and managers, changes if required by the customers can be put on request by him in the chat system box where the team will look after that particular request and will change on the weekly basis and system will get updated weekly.

**Q4. What will be the integration problems?**

**1.** Inadequate procedure for testing can cause problems.

**2.** Frequent problems will occur with the builds, if the code is broken continuously.

**3.** There might be a chance that before implementing or integration there may be chance of early detection of problems.

**4.** There can be inadequate API testing.

**5.** Performance Bottlenecks - When the software becomes more mature complexity will definitely increase. This complexity will add more lines of code which introduces performance issues if the developer is not focused on how their changes are impacting end-user performance.

**Q5. Is new technology needed? What skills?**

The new technology will be needed to make a better user interface enabling faster development of the product and increasing communication and integrity among the peers and customers.

**Q6. What facilities must be supported by the proposed system?**

We propose to deliver the product to the customer as per their requirement. This product is developed in a way where the customer can have an overview of whole working of the system that can also enhance the product durability as well as suggest changes on any modules to the particular assigned team. It will have fast communication and integration technique using agile PDS.