**Feasibility Study**

# Operational feasibility

We decided to design a system to a pharmacy . we need it to handle all works and different operations with few employees ; our manager found it a good design .

The system will help us reducing the workforce in the pharmacy , so after we finish the system we will train employees on new system .

# Technical feasibility

We need new hardware and software for our new system Including :

* + Standard PC with standard abilities (21 inch monitor ,

core i7 “both recommended ” ) .

* + QR scanner ( Italian “recommended” ) .
  + Casher machine (American “recommended”) .
  + Small ATM machine (EL\_Ahly Bank “recommended ”) .

# Economical feasibility

we gonna find out how much our system will cost us

1. The PC including monitor will cost 1999$.
2. Qr scanner will cost 850$

and 480$ for Chinses one (“not recommended”) .

1. Casher machine will cost 1100$.
2. ATM will cost 250$ and other 100$ for its connections.
3. 30$ for each hour for trainer to train employees.

# Schedule feasibility

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Activity Number** | **Activity Description** | **Duration** | **ES** | **EF** | **LS** | **LF** |
| 1 | Buy hardware | 30 | 1/11 | 30/11 | 1/11 | 30/11 |
| 2 | designing | 3 | 1/12 | 3/12 | 7/12 | 9/12 |
| 3 | Implementing | 7 | 4/12 | 10/12 | 9/12 | 15/12 |
| 4 | testing | 4 | 1/12 | 4/12 | 6/12 | 9/12 |
| 5 | developing | 6 | 4/12 | 9/12 | 10/12 | 15/12 |
| 6 | Training Employees | 5 | 1/12 | 5/12 | 1/12 | 5/12 |

Our manager set us up a timetable for all quests and tasks to perform our system it gonna take 55 to 60 days to deliver it to the user considering risks and problems .