**Inception Phase Activities for the Unified Process**

**Vision of the system:**

Vision of the automated system is to increase the efficiency and reliability in the process of information management in the business by replacing the manual information system which the currently use.

**Business case:**

* A special training on handling computers is given to the staff members of the hotel.
* Skills on handling computers will be an extra qualification when recruiting new staff members.
* A set of computers and Wi-Fi facilities are in the hotel premises.
* Mistakes that took place in the previous manual system will be reduced under new system
* It would prevent delays and errors of the process of information management.
* System would provide a way of generating essential business reports in a reliable and easy manner.
* Since all the information of the business is centralized, it would help in decision making.

**Scope of the system:**

* Manager of the hotel is provided with an interface which has access to all the details and the ability to enter details.
* Monthly/ annual reports should be generated by the system itself and should be accessible by the manager or the relevant party.
* Receptionist should be provided with an interface which has the ability to access information about the available rooms and wedding halls and enter details on bookings.
* System should have a database which contains all the details.
  + Details about rooms/ wedding halls
  + Menus and special meals
  + Customer logs and details
  + Supplier details: decoration suppliers/food suppliers/liquors/…
  + Seasonal offer details
  + Staff details

**Estimate of cost and time:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Phase | Task | Hours per Job | People per job | Human-hours |
| Inception | Develop an approximate vision of the system | 1 | 4 | 4 |
| Make a business case | 2 | 3 | 6 |
| Define the scope | 3 | 3 | 9 |
| Produce rough estimates for cost and schedule | 2 | 3 | 6 |
| Initial software development plan | 3 | 4 | 12 |
| Elaboration | Refine the vision | 1 | 4 | 4 |
| Identify and describe all requirements | 7 | 4 | 28 |
| Finalize the scope | 6 | 3 | 18 |
| Design and implement the core architecture and functions | 10 | 4 | 40 |
| Resolve high risks | 5 | 4 | 20 |
| Produce realistic estimates for cost and schedule | 3 | 3 | 9 |
| Construction | Develop the routine and predictable parts of the system | 8 | 3 | 24 |
| Detailing data validations | 5 | 3 | 15 |
| Fine-tuning the user interface’s design | 5 | 4 | 20 |
| Finishing routing and data maintenance functions | 5 | 2 | 10 |
| Completing the help and user performance functions | 6 | 3 | 18 |
| Plan for deployment of the system | 12 | 4 | 48 |
| Transition | Beta tests | 15 | 4 | 60 |
| Get final user acceptance | 15 | 3 | 45 |
| Making the system ready for operation | 10 | 4 | 40 |
| Total human hours | | | | 436 |