Documentation

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B.1 Overall Description of the project in terms of Product perspective, product functions and user Characteristics

We are going to implement a website with two major roles:

a) The requester

b) The administrator

Product functions:

The requester will have to fill out a form with all the details of his or her missing article.

These requests will be accessible by the admin department who will take the required action.

There will be an existing database to manage the flow of the outgoing and the incoming articles.

The previous records will also be accessible only by the admin department.

User characteristics:

- The user (requester) can file a lost complaint by entering the details of the lost item, time field and last location, his contact details paving way for quick response from the admin department.

- The user (admin department) can keep tabs in an efficient way by updating the status of the lost and found items and their respective rightful owners.

- The user can access the software anytime and anywhere as per their convenience.

B.2 System study and analysis

Step1:

Existing System

The current system manages the lost and found inventory manually by maintaining records on registers and entering all the details of the person along with their signature to assure that the item has reached the rightful owner. The security guards of the premises collect all the lost items and coordinate with the staff of each respective floor.

Proposed System

The proposed system manages the lost and found inventory by maintaining a software database accessed by a website. The software can be accessed by the users anytime, anywhere and the records need not be manually maintained which reduces the possibility of manual error to a great extent. Also, this proposed system will ensure that the lost item reaches the rightful owner as soon as possible.

Advantage of proposed system:

- Lost articles won't be misplaced or reach wrong hands if the complaint has been filed in time and if the details of the item is correctly specified.

- The software can be accessed anytime and anywhere according to the convenience of the user.

- Since the traditional pen & paper system of maintaining records is being digitalized by maintaining a database, there is lesser hassle of human error.

B.3 Conclusions

We will be implementing the above mentioned software shortly.

B.4 Question of curiosity

1. Which process model can be used for your project?

The RAD process model is appropriate to be used for our project.

RAD model is Rapid Application Development model. It is a type of **incremental model**. In RAD model the components or functions are developed in parallel as if they were mini projects. The developments are time boxed, delivered and then assembled into a working prototype. This can quickly give the customer something to see and use and to provide feedback regarding the delivery and their requirements.
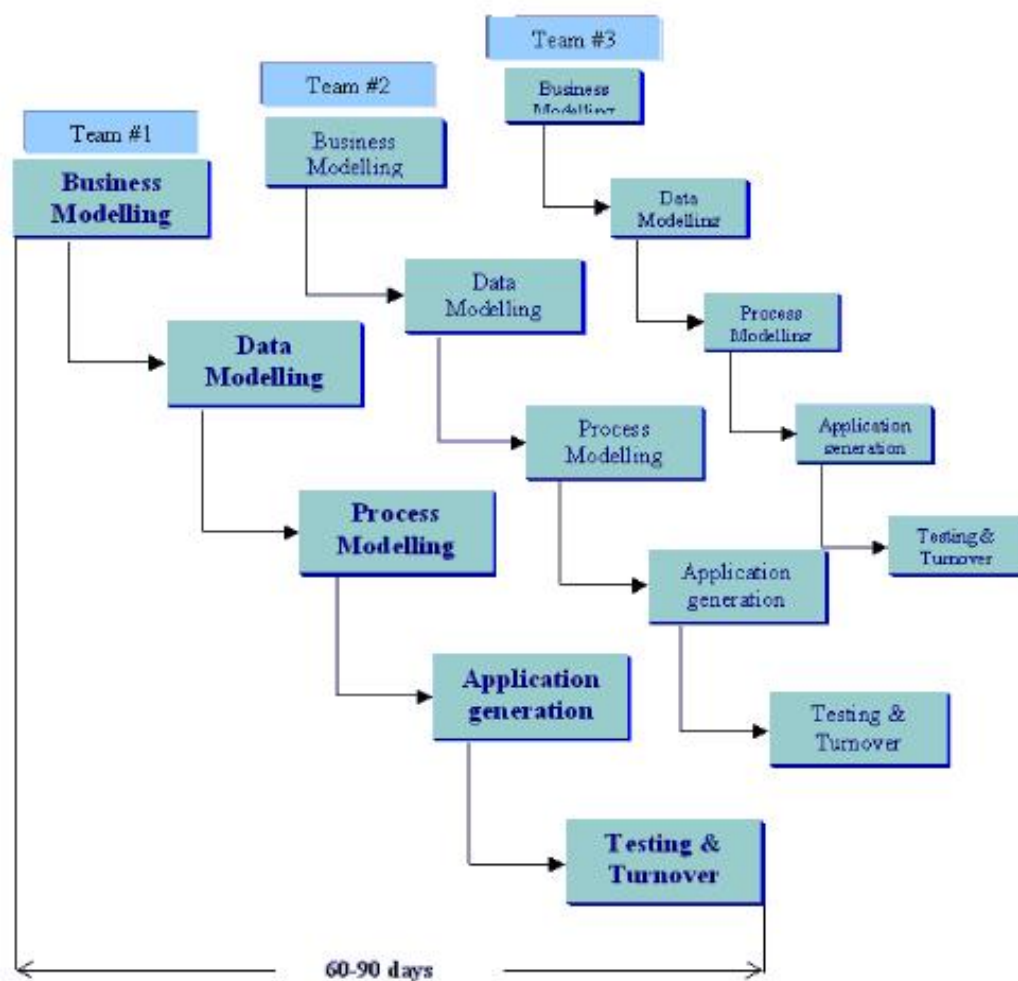

Figure 1.5 – RAD Model