V Refining prototype

Scanned with CamScanner

12. In this case, waterfall model should be used to develop the payroll application.

It is because:

- -> clearly defined stages of production as it is abready developed multiple times
- Well understood milestones for the team
- Easy to arrange tasks as viegimement modules are clearly known.
- -> Provers 4 results are abready well documented.
- Easy to manage the project. Hence, resources are whilized for that project.

Care 2: Online Austion System (PART-2)

Functional Requirements:

- New User Registration: Any user who is new to the system can register himself therself to the system by abiding to the terms of conditions specified by the system.
- System for auction or if the user tries to put items in the system, the system checks if the user is authenticated/bogged in state, and if he/she isn't, he is taken to the login page to authenticate themselves.
- add new items into system: When after authentication can
- relacing Bid: An authenticated use can place a bid after selecting the items he/she wants to buy.
- Payment Service: 3rd party payment APIs help in and abstract most of the payment details. Just entering the credit cond/debit card details after confirmation from the seller deduct the money safely and generates a receipt.

Shipping & Transportation: The seller looks after the delivery of the product to the customer. The seller tracks at each step of delivery and ensures that delivery is flaw-less and shipped to the downstep.

Non-Functional Requirements

a) Performance Requirements.

- Syptem should be highly available. (24X7).

At least 10 K users should be able to place bid at a particular time. Should be highly scalable infrastructure.

b) Interface Requirements:

- Site must be accenible from any standard browser il Chrome, Opera, Mozillatinefox
- -> HTMLS should be used for developing that site
- c) Security Requirements
 - -) The user is password must be salted multiple times and stored in secured detabase.
 - -> Only authenticated users should be able to place lid.
- d) Database Requirements:
 - Available database (24 x7)
 - -> Hoserontally Scaled Database with all ACID properties