## **Software Requirement Specification**

## 3. Library Management System

| 3. | Library Mangered System (LMS)  |
|----|--|
|    | 1. Into adu Cton   |
|    | 1.1 Pumpox: To automate the library aportion buch as book bosaving, neturns and inventory tracking. 1.2 Scape: Stoneanline book landing and return processes   |
|    | while maintaining invertory  1.3 Overview! manager book importance, and can doto to  |
|    | The state of the s |

|    | Harean lae in Sorvices.  |
|----|--|
| 2  | Canaral Dascruption  |
|    | [kms !   Marchions Membros   |
|    | Brelits. Failer Management of public and implaced use  |
|    | poponieno.   |
|    | The second secon |
| 3  | Furtheral Requisioneds   |
|    | · Boxade Saming for book Check - In/ Check - act   |
| -  | Web-based Cololog Second for users.  |
| ,  | Book Check-in Check-out  |
|    | prombaship mongonerst  |
|    | Lake the calculation   |
|    | the second profits and the second  |
| 4  | Intoylic Requirements  |
| ,  | Barrade Sanning for book cheek-in Icheck-au  |
|    | Cueb bosed Cortalno Search for users   |
|    |  |
| 5. | Porformana Require must  |
|    | · Immediate book availability Goods Cuttin 1861d)  |
|    |  |
| 60 | Dalso Goutonants   |
|    | Supposeds multiple laboration on boranches   |
|    | Out of the same of |
| I  | Non Functional Programments  |
|    | Society. Protect user doto and Sibriary guionals   |
|    | Reflections Substitute of Substitute of Asia   |
| 9  | Reliability: System must be accordible duoung library  |
| -  | Scalability: Capable of wordling multiple library branch   |
| 1  | 2 . Fat.   |
|    | Budget Estimate  |
|    | me: 5 manuths 0st: \$60,000 - \$80,000   |

## **Class Diagram:**

