Management System 1 Library Problem Statement: Manual library operations sich as issuing, returning à An antonated system is suggested to scords quickey a accurately 1) Introduction 1.1) purpose. To build the Librarry management eyikn that stream liver book issuance I refarel : E inventory tracking. 1.2 Scope -. Book search & costalog management · Issuing & suferenting books · Skidut & staff Jacount monagnent · Fine calculations 1.3 Overview The System ensure grick book quelly reduces evvors, & maintains a curate library recivo 2) General Description

The system is a web-based app that
automates library proceed manages ments
books, and provides sual-firme availability of resources.

3) Her dames & characturity · Admin : Mange book uny, system settings · librarian: Handle book transaction & social Member (student / Faculty): search, borrow, &
section books Add uplate, delite book rounds · 155m & rufern 600/03 · Search book by title / author 1 1 D · Calculate five for late voturn · Generate Desports on Usage. 5) Interface Regiment · Web & dektop interfare · login system with different volv · Search ) & filter option for 600/cs 6) Performance Régissement. · Jupport 200 t simultaneous curry · Book search result within 2 sees · Database com store thousands of Book entrils 7) Design Constraint · Runs on standard browers/computury.
· Database: My SQL/Ovaelp 19
· Language: Sava/python'

8) Non functional Requirements · Security: Pok - band accell & date protection.
· ucability: Easy - to-un interpace for ally
· lectability: System baile-up & recovery
serp point
· Scalability: Ability to manage multiple
branche. & Budget 9) Schedule 2-3 months durelopment fing 1-2 labs depending on feature · Schodule · Budget = · looke collected forby allegend in the state of the coffee of the coffe Performance Pegitionet. · Legery f 200 t strong legeral . A Resolution of the