1 10/2010 SPS downent for Library Management. 1. Inkoduchier

1.1 Propose of the requirement document: To specify
software requirements of a Useary Management system

1.2 Stope of the groduct Warrs are allared

1.2 Stope of the groduct warry setum the Louis books post and and must return them 1.3 Overview: Detailed information about the requirements and graved borrowing procedures, before 9pm. 2 General Description. of he box being borrowed also about the substance details borraing the book has complete substances about the working shaff line name working details etc. available booky like IP, issue date solven date awhen publish date, austomer who borrand the book. boom, ent on both, working hours of library subscription gland, 2.2 Robert functions? & Bottowing Rehaving books \* Donaling books \* Scenety System

\* Likay Suff Maintannie.

classmate Date Page 2.3 Uses characteristics:

\* customers must have valid library cond 2.4 General wriskains. A customer must have solid likeary and to borran letern books.

\* Books should be borrowed after 9 am 2 seture before 9pm.

Library and can be obtained through
subscription plans only
to can borrow only 3 books at a time
to Books can be borrowed only for 3 weeky. 2.5 Knunghars and Defendencies! \* customers must ensure that borrowed body are returned on original condition

\* Donald books must be on good conditions to

\* Whary and can be obtained only if

there of a valid subscription. 3. Functional Requirements: Book bollowing of seturing cystem: Dooks can to borrowed by canning the library card.

\* likery card generally system: likery cards
will be provided only with salid proof of subscription to the library 4. Inkifa a Regnieenants:

\* User Sukefare: Borrow/Return Functionality A API \* Database meda u for books and customer detail

\* Wer Authorhigher! for a library could

classmate 5. Reformance Requirement:

\* Response Time: The system should setuln
search sends for books within 2 seconds for \* Ecros handling handle evans efficiently

\* Security all into schoold be stored safely. 6. Design wonkaints! \* Databar should be large enough to stole all the Enformation about austomers, staff, Look details. & should be developed in a form of minorewest services of durable to containerized. I. Non functional Attributes! Security Poliability, Pensability, Application compatibility, Pala Professing, Availability. 8. Preliminary Schedule (Bridget:
Applonimately a duration & of 4 months
will be required! To him staff, DBAs, teaining Idoumentation, testing etc. Overall Budget should be appron 45 lable