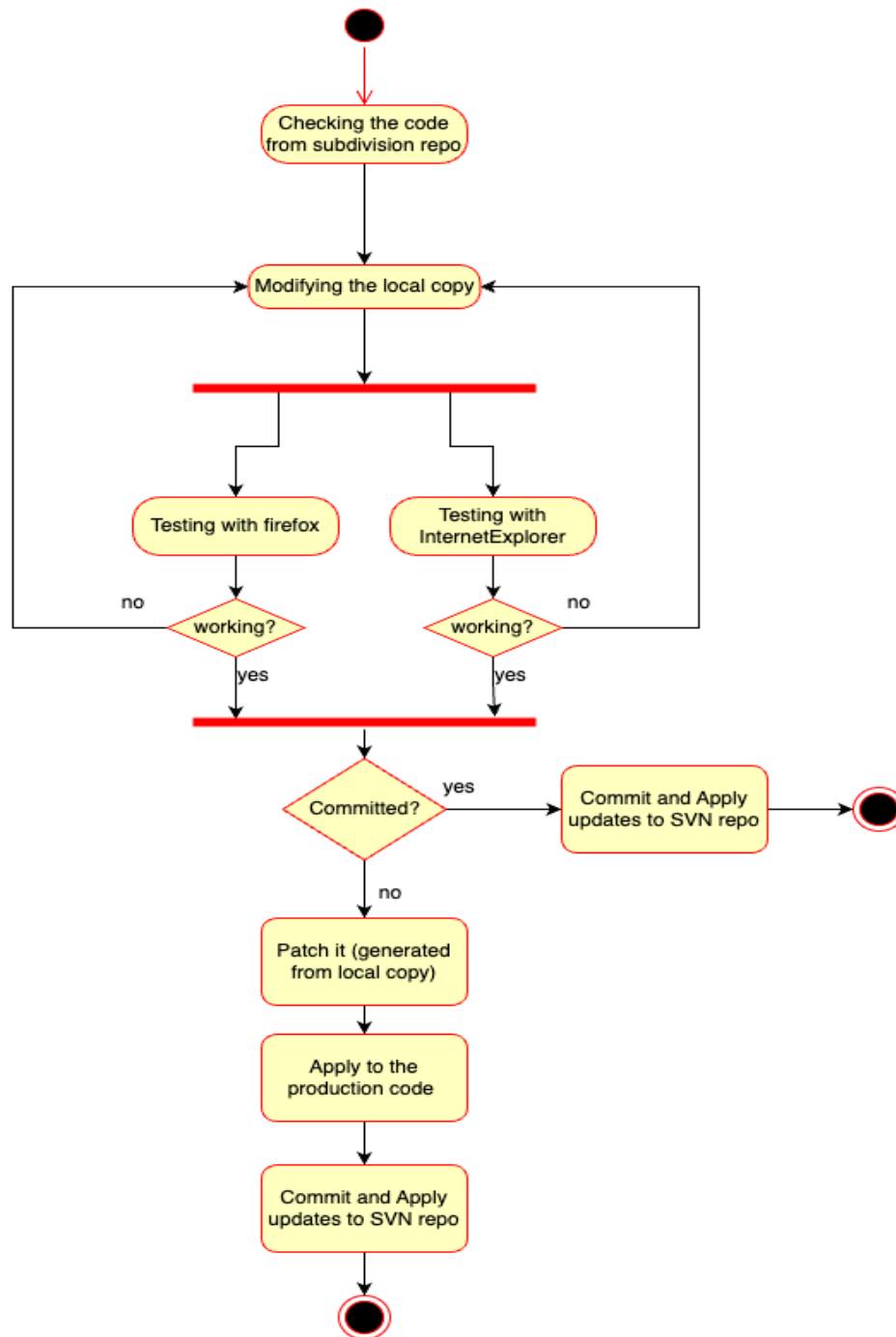**SOFTWARE ENGINEERING IT313**
**LAB06**
**ID :202101049**
**NAME : RAJ CHAUHAN**

Q1.activity diagram

Q2.LMS

**MemberInfo**
- memberId: int
- name: string
- contactInfo: string

**BookInfo**
- bookId: int
- title: string
- author: string
- publicationYear: int
- status: string
- addBook(): void
- removeBook(): void
- updateDatabase(): void

**LibraryMember**
- memberId: int
- name: string
- contactInfo: string
- register(): void
- extendDueDate(bookId: int): void

has

has

has

has

**Librarian**
- librarianId: int
- name: string
- createMemberAccount(memberInfo: MemberInfo): LibraryMember
- removeItem(itemId: int): void
- updateInventory(bookInfo: BookInfo): void