DHIRUBHAI INSTITUE OF INFORMATION AND COMMUNICATION TECHNOLOGY
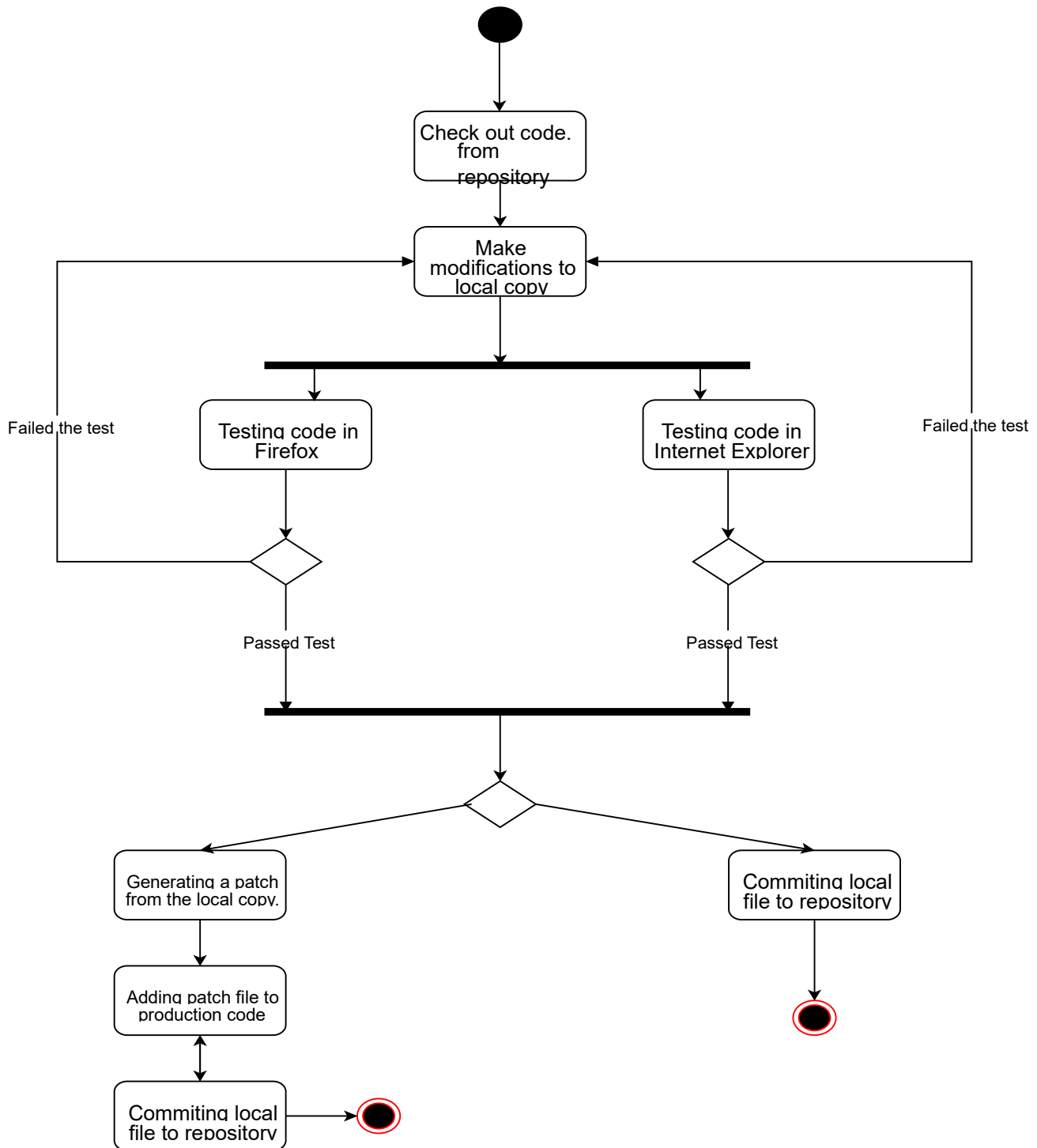
SOFTWARE ENGINEERING

LAB 6

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202101072

ACTIVITY DIAGRAM

Check out code.
from
repository

Make
modifications to
local copy

Failed the test

Failed the test

Testing code in
Firefox

Testing code in
Internet Explorer

Passed Test

Passed Test

Generating a patch
from the local copy.

Commiting local
file to repository

Adding patch file to
production code

Commiting local
file to repository

Class Diagram for Issue Book functionality

User

-UserID

-Name

-Role

+SearchBook()

+Book_availability()

Book

-ISBN

-Title

-Author

-Publication

+issue_status()

Student

- Department

- Email_ID

+issuebook()

+checkmembership()

+renewbook()

+returnbook()

Librarian

+addbook()

+deletebook()

+approvebook()

+sendmail_to_student()

Account

-IssueID

-IssueDate

-DueDate

1

0 ...*

1

0 ...*

1

1