

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JnanaSangama”, Belgaum -590014, Karnataka.



LAB REPORT
on

OBJECT ORIENTED MODELLING AND DESIGN

Submitted by

Sneha Srivastava (1BM19CS158)

in partial fulfillment for the award of the degree of
BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING



B.M.S. COLLEGE OF ENGINEERING
(Autonomous Institution under VTU)
BENGALURU-560019
May-2022 to July-2022

B. M. S. College of Engineering,
Bull Temple Road, Bangalore 560019
(Affiliated To Visvesvaraya Technological University, Belgaum)
Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the Lab work entitled “Object Oriented Modelling and Design Lab” carried out by **SNEHA SRIVASTAVA (IBM19CS158)**, who is a bonafide student of **B. M. S. College of Engineering**. It is in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2022. The Lab report has been approved as it satisfies the academic requirements with respect to **Object Oriented Modelling and Design - (20CS6PCOMD)** work prescribed for the said degree.

Dr. Latha N.R.
Assistant Professor
Department of CSE
BMSCE, Bengaluru

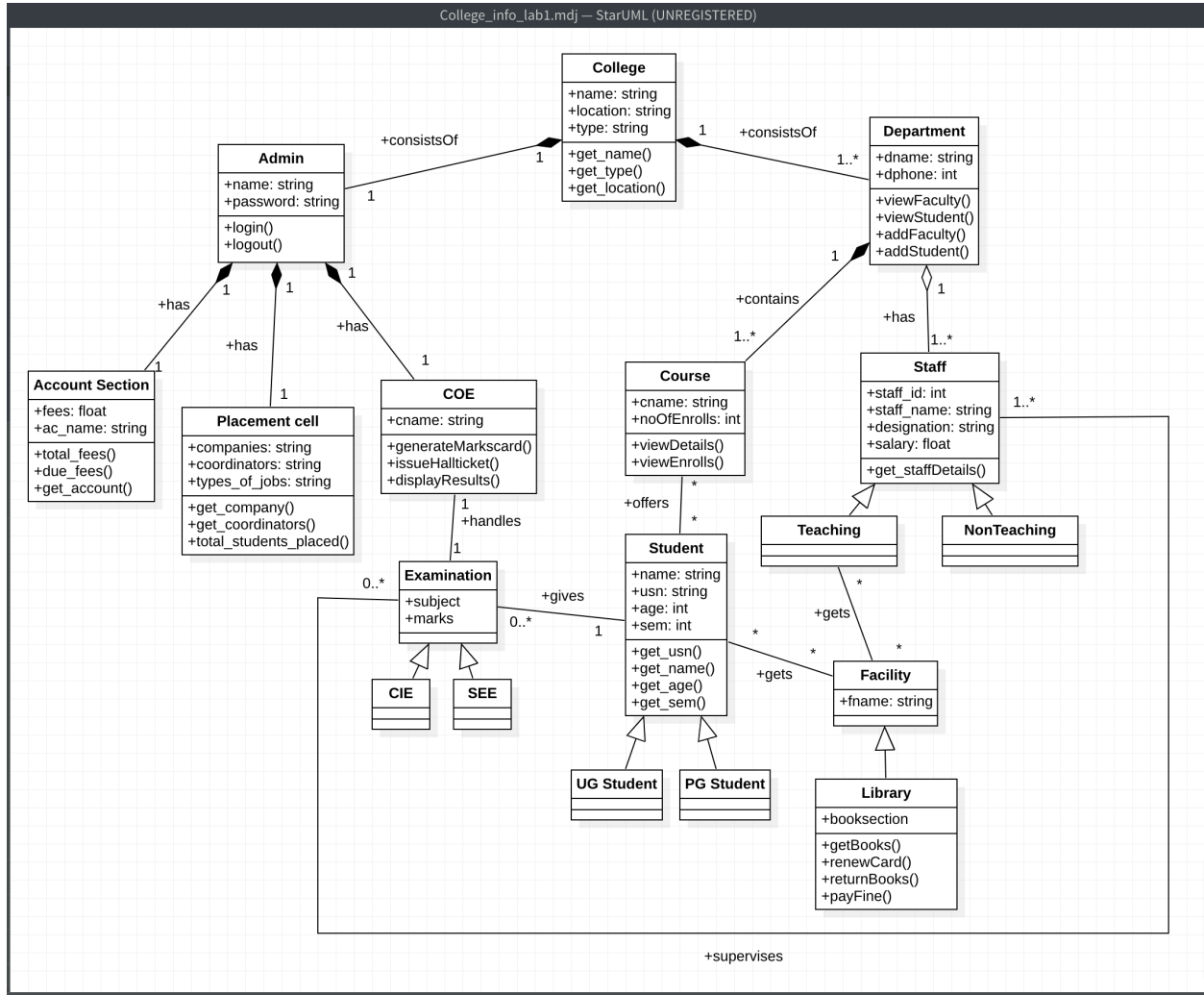
Dr. Jyothi S Nayak
Professor and Head
Department of CSE
BMSCE, Bengaluru

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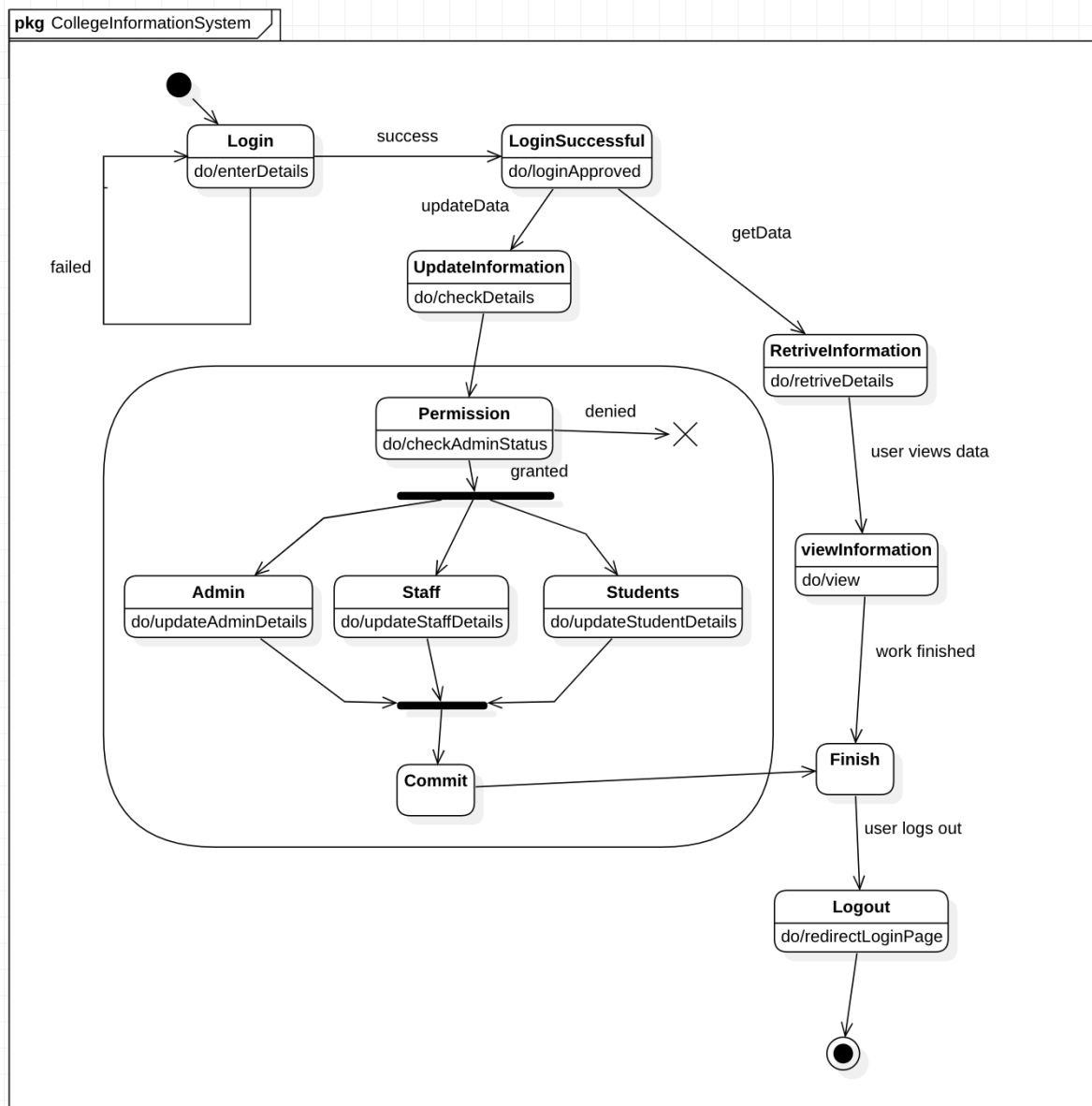
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1. COLLEGE INFORMATION SYSTEM

Advanced Class Diagram :

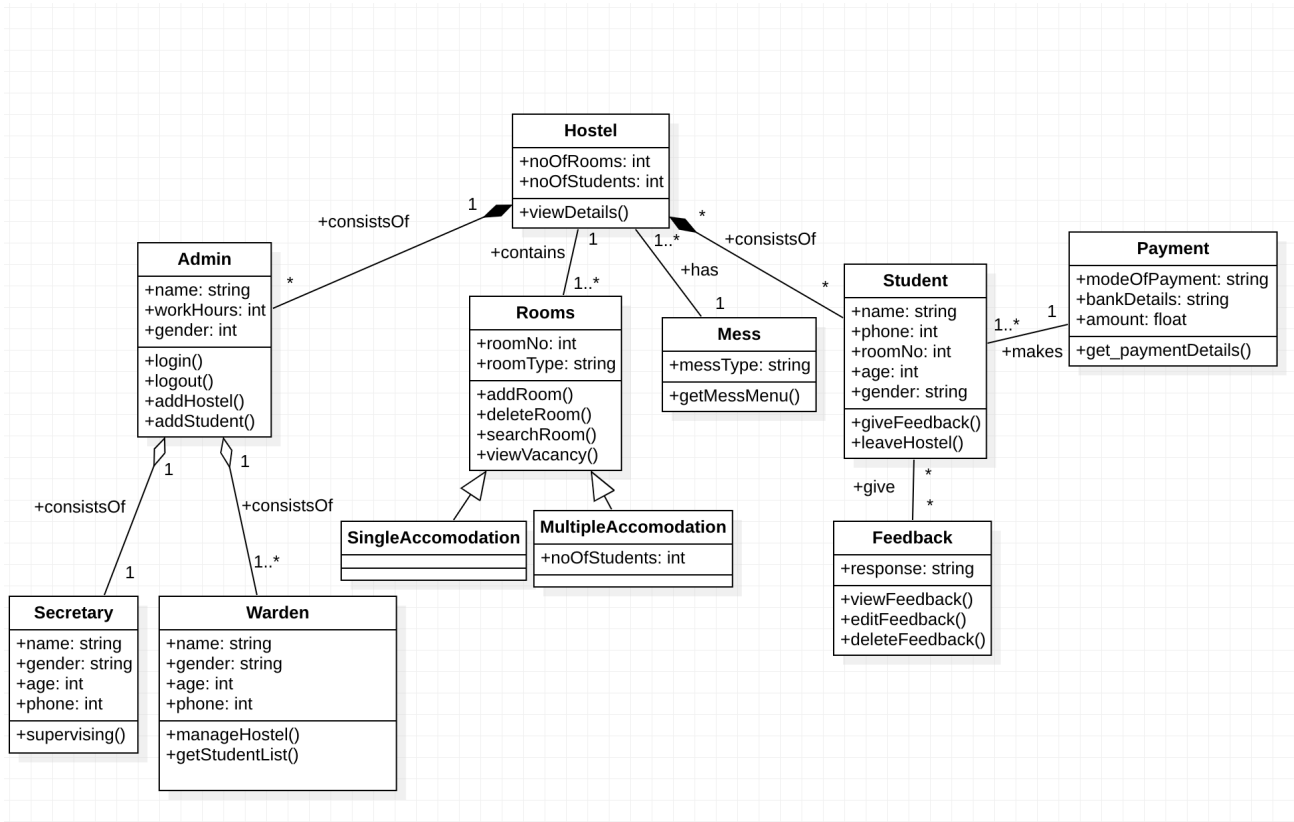


Advanced State Diagram :

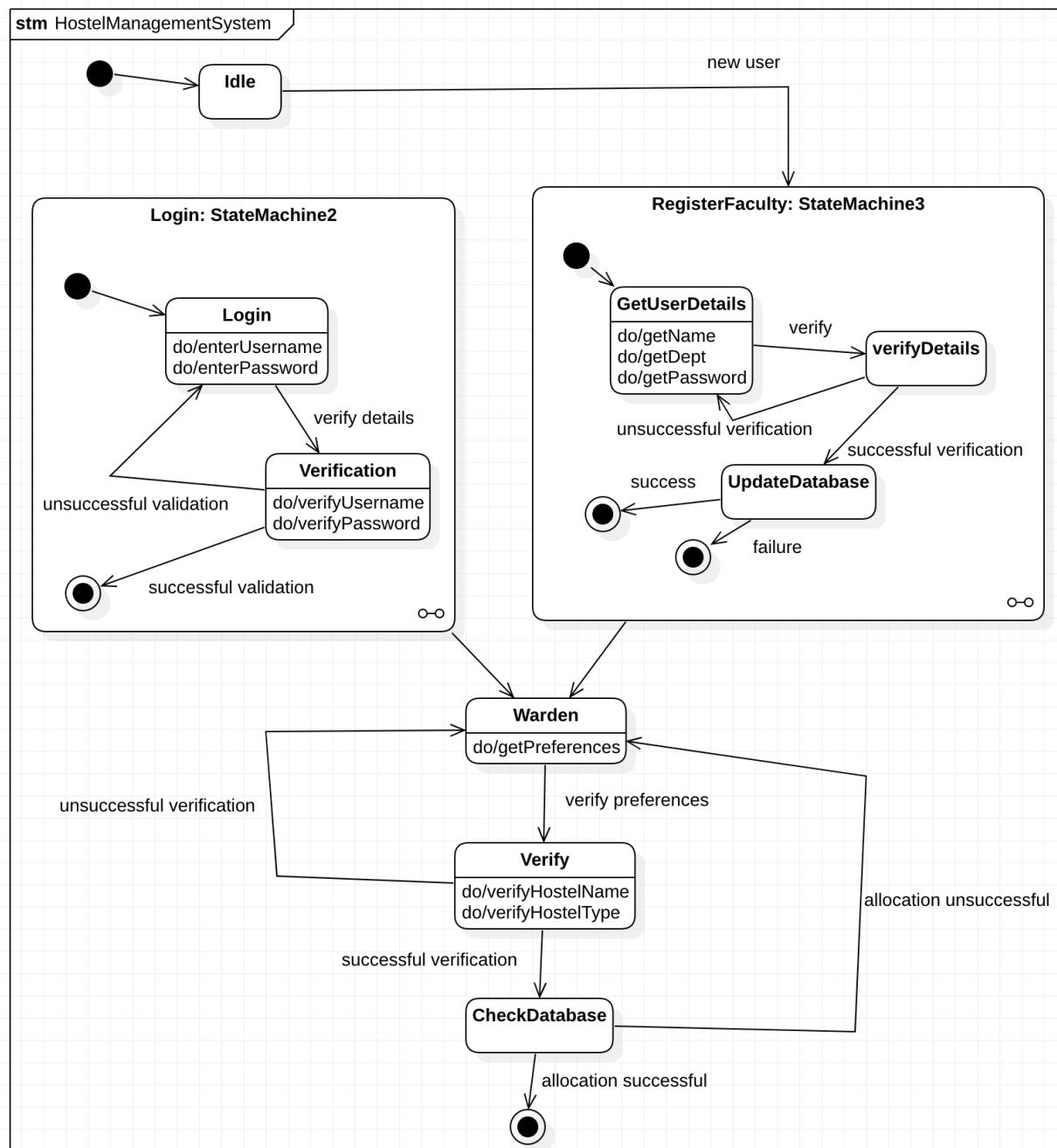


2. HOSTEL MANAGEMENT SYSTEM

Advanced Class Diagram :

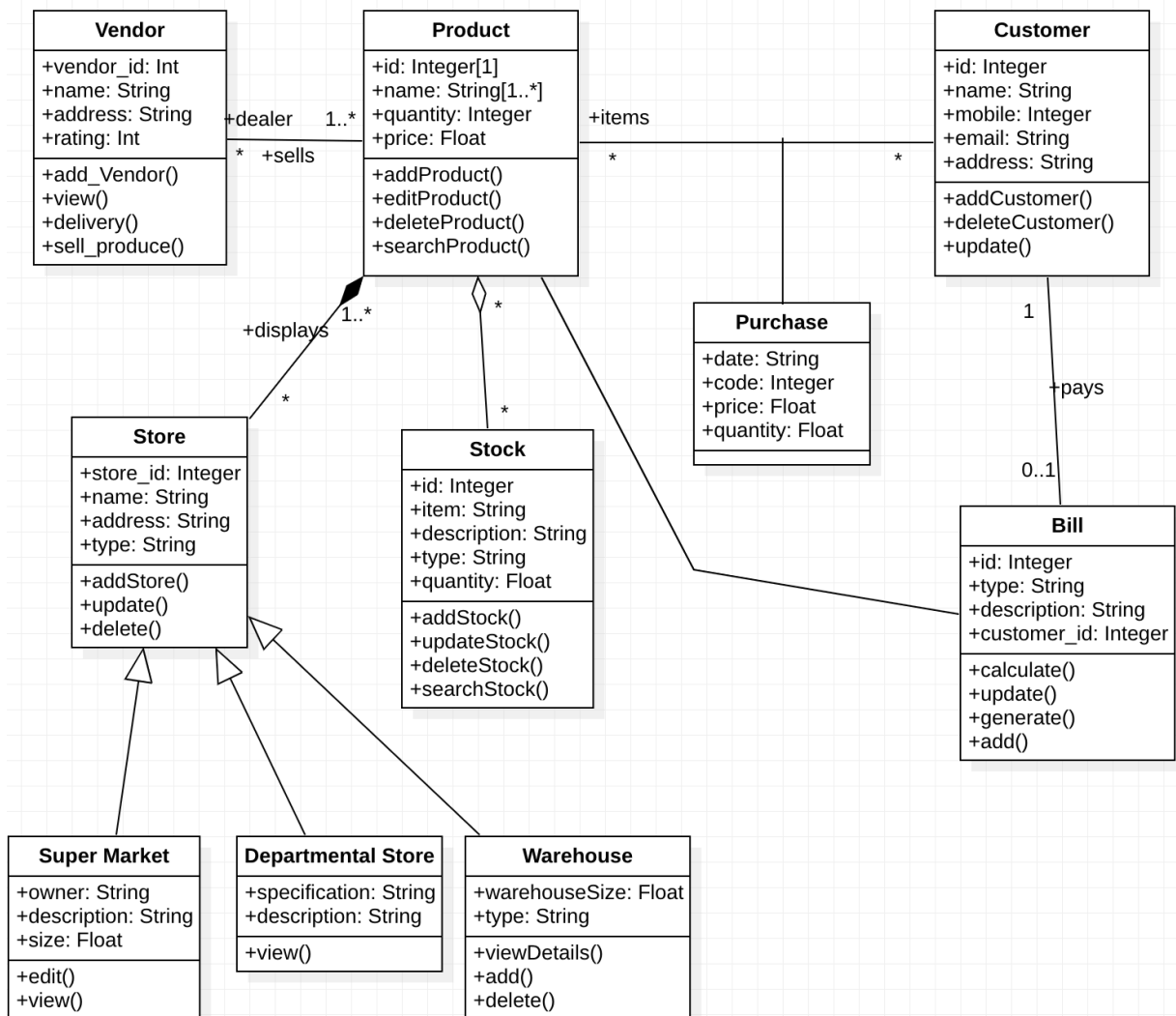


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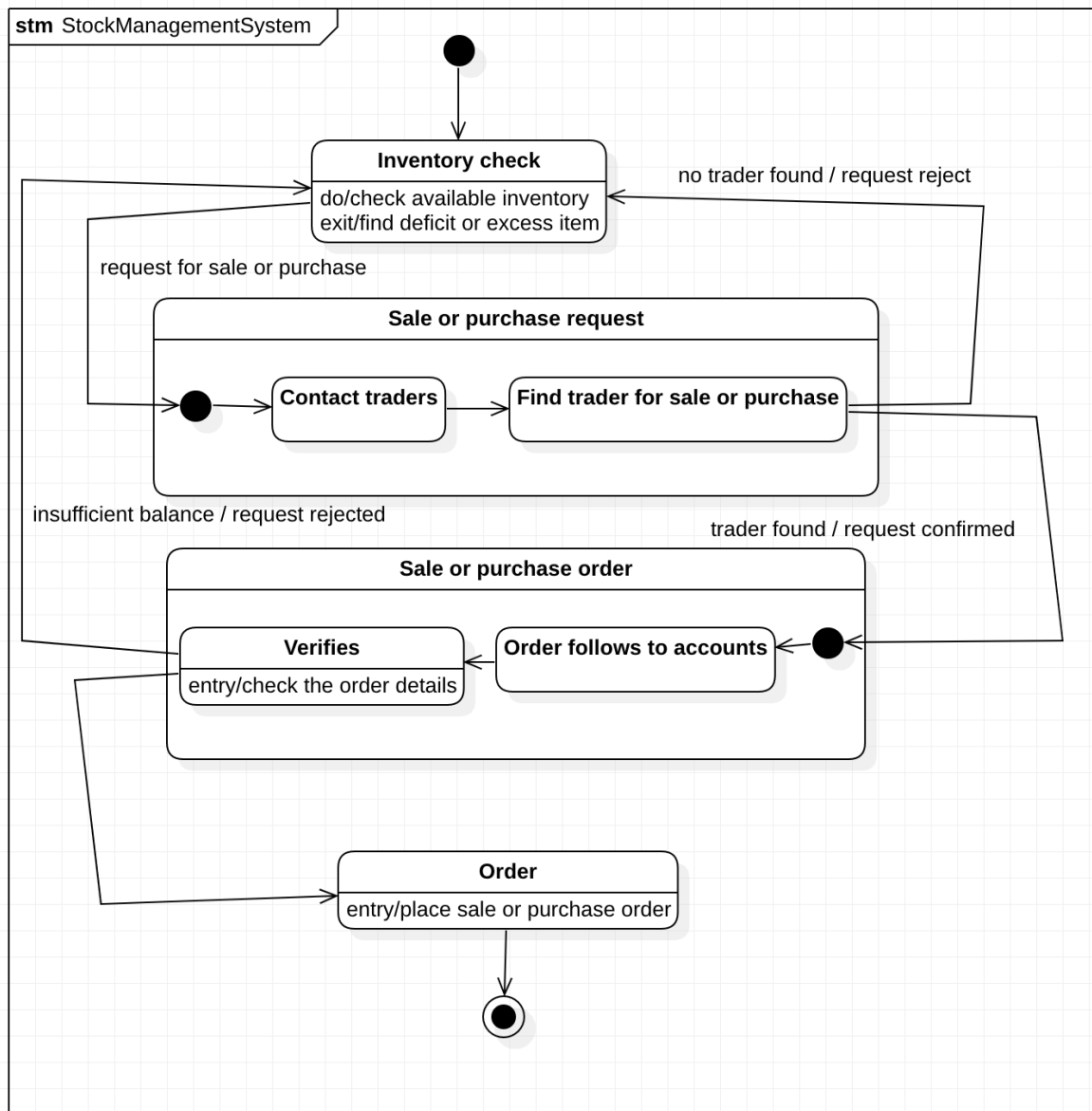


3. STOCK MANAGEMENT SYSTEM

Advanced Class Diagram :

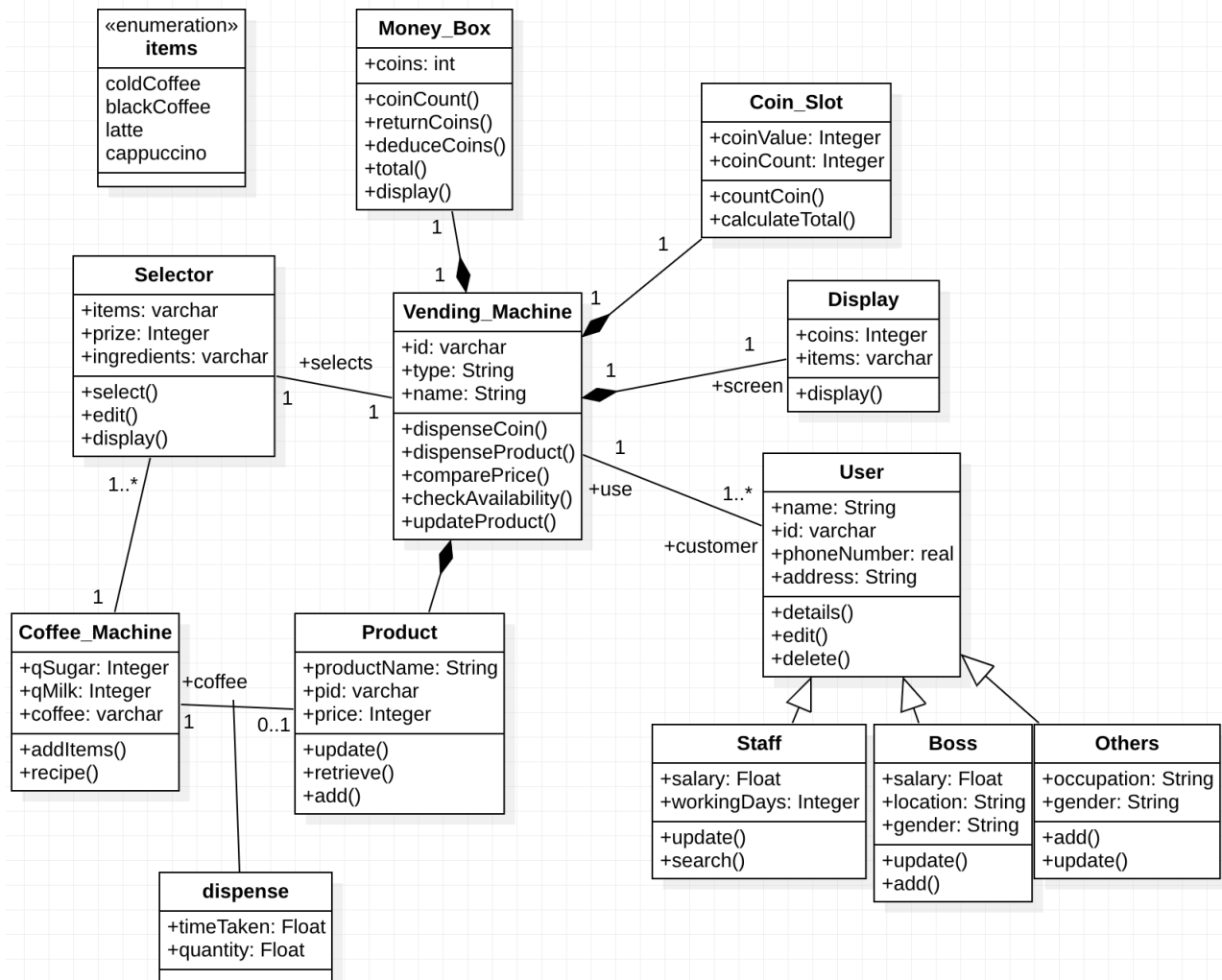


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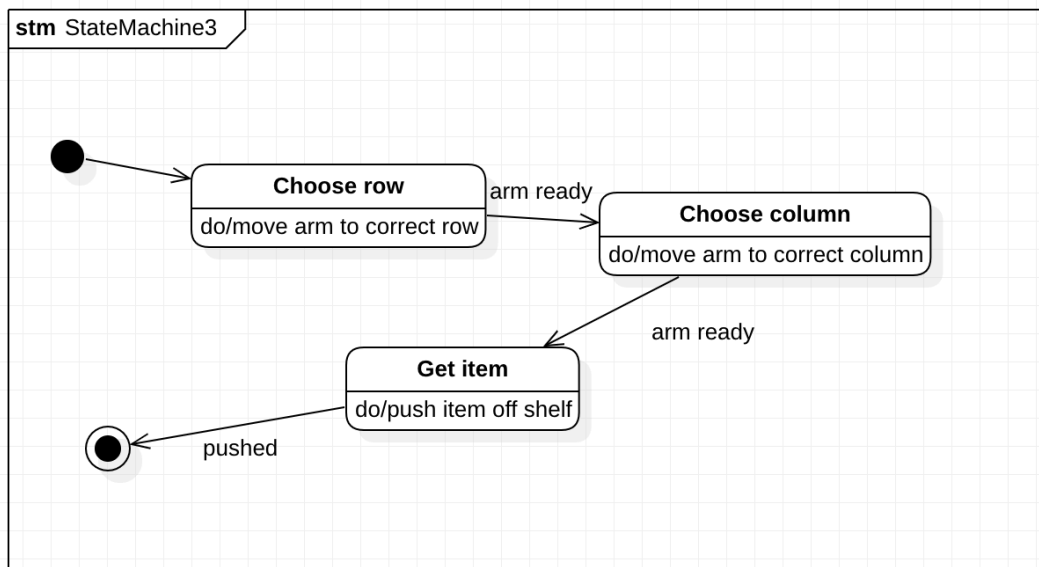
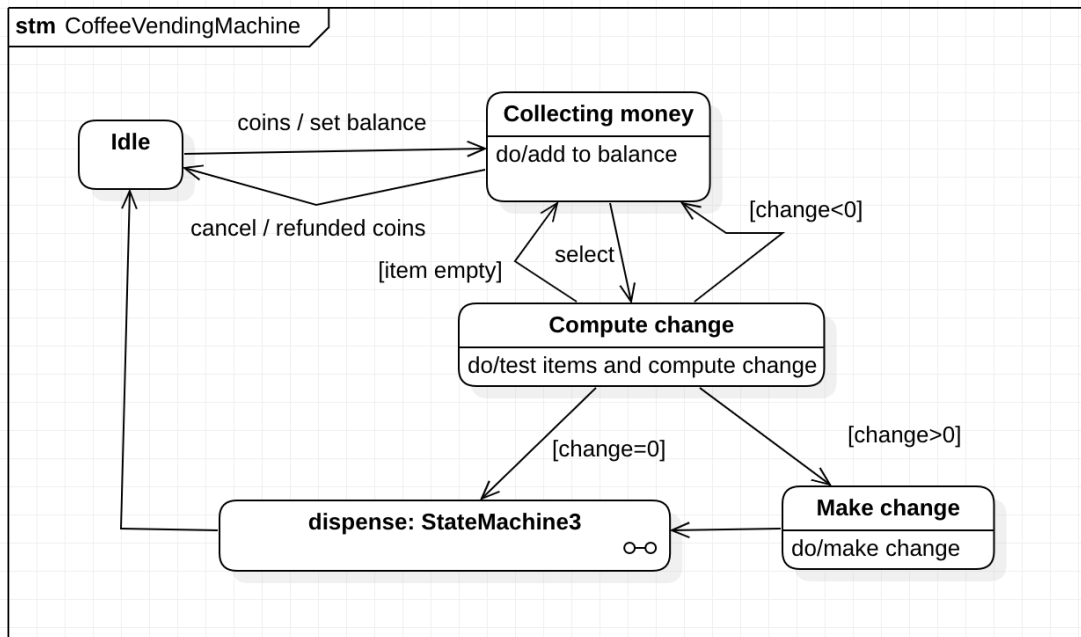


4. COFFEE VENDING MACHINE

Advanced Class Diagram :

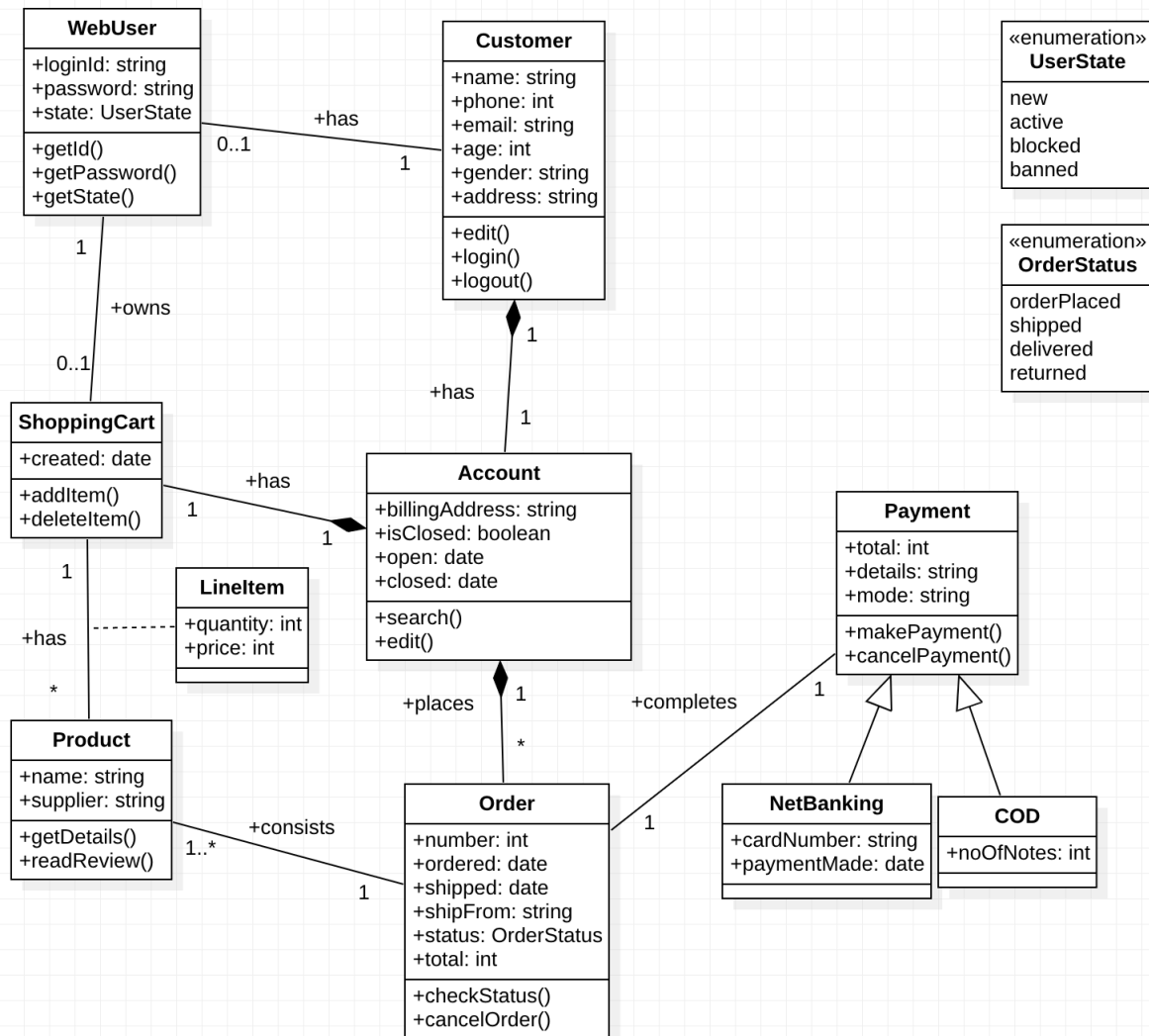


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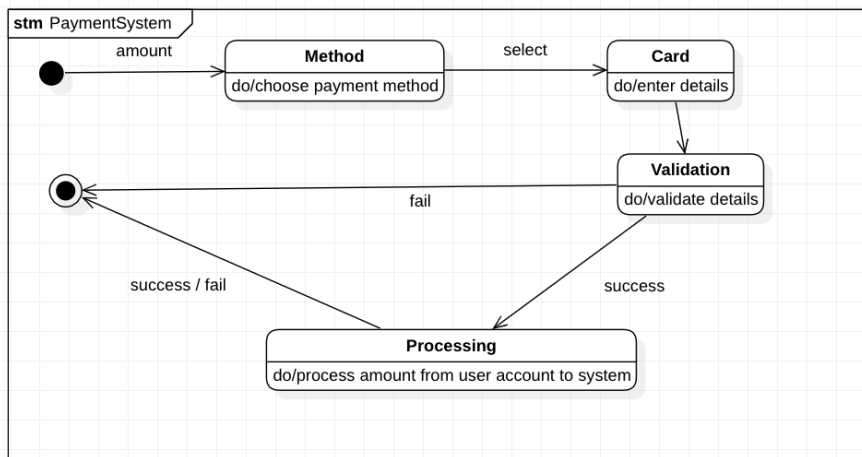
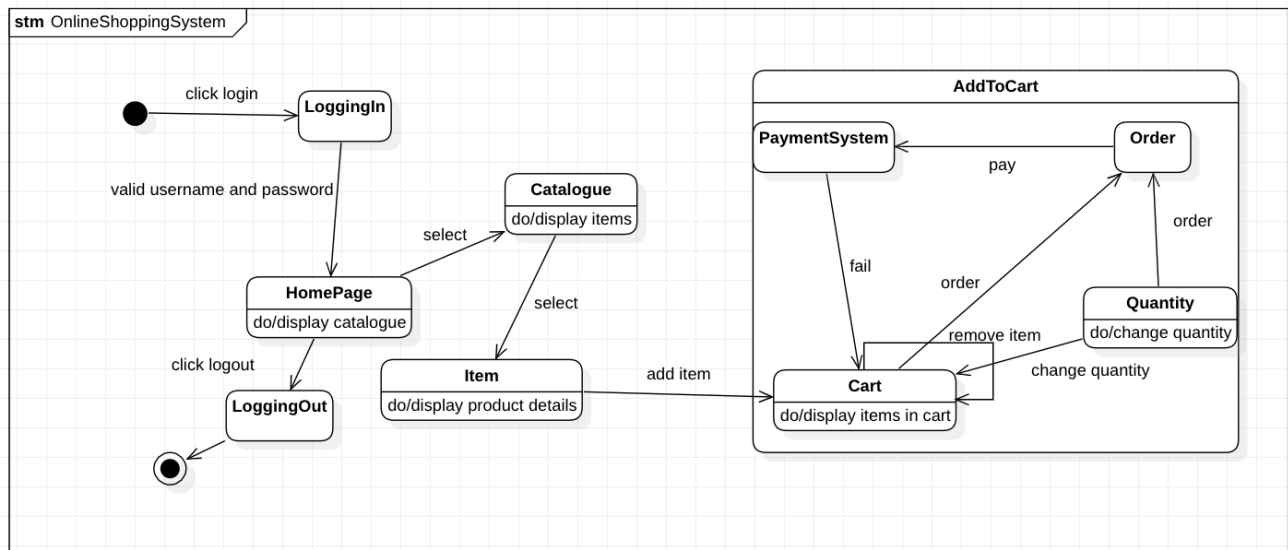


5. ONLINE SHOPPING SYSTEM

Advanced Class Diagram :

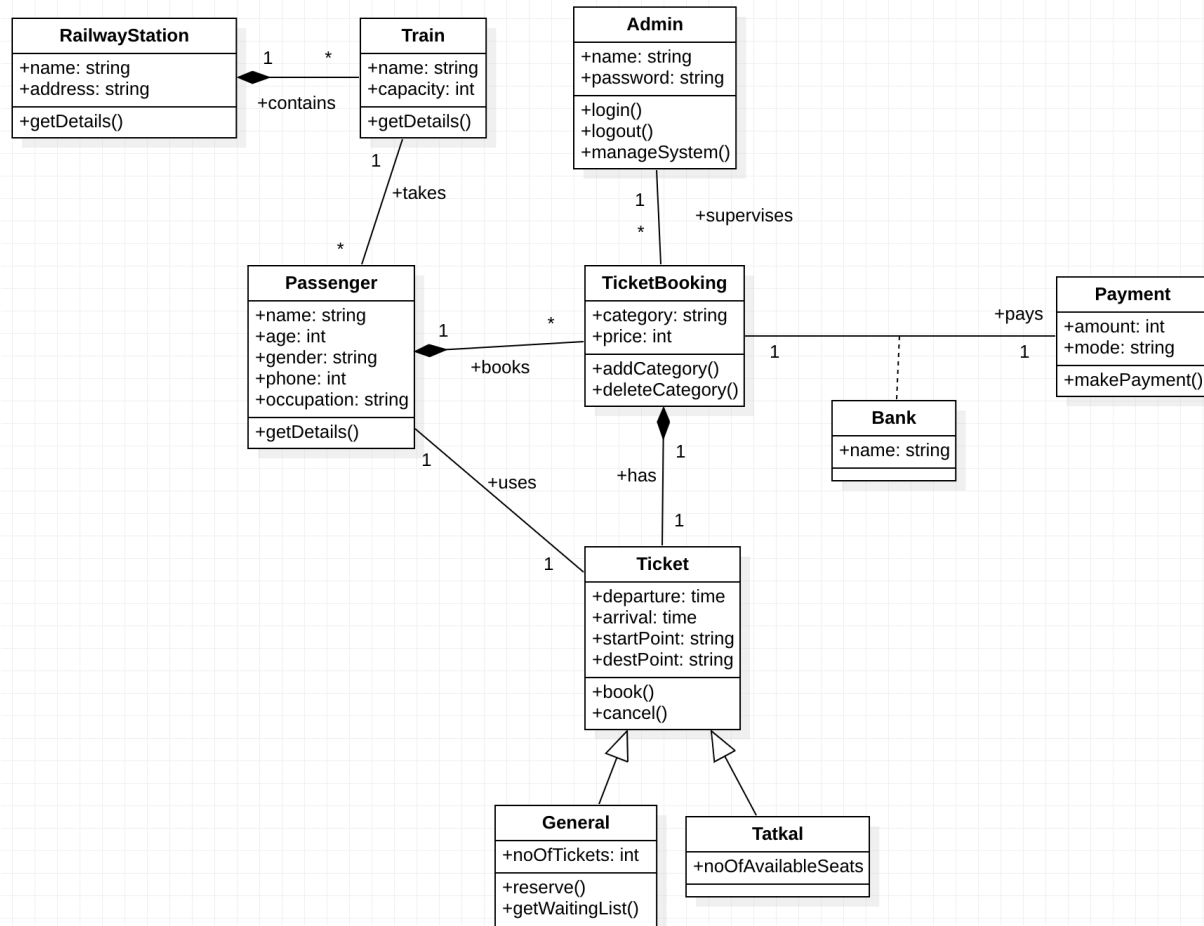


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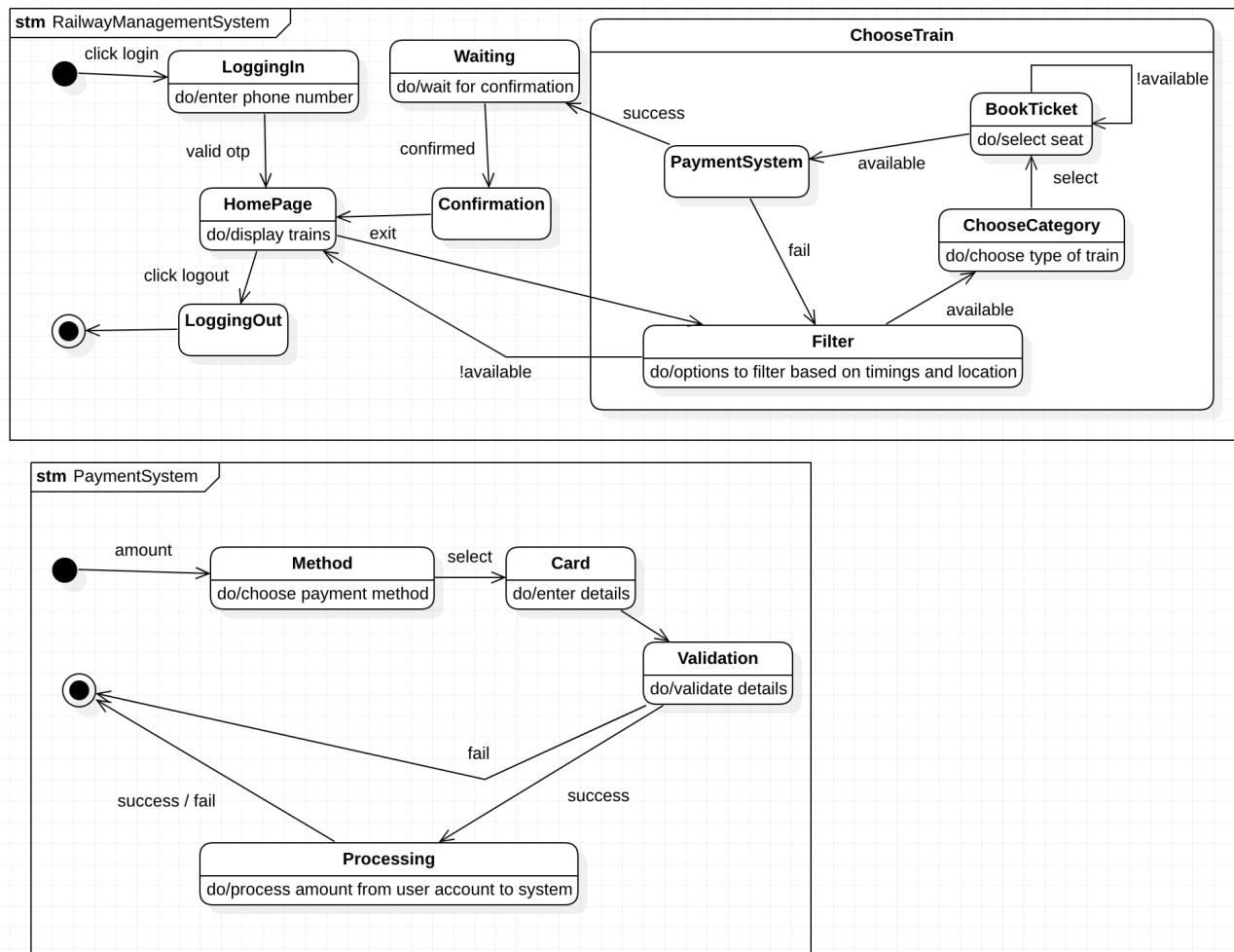


6. RAILWAY RESERVATION SYSTEM

Advanced Class Diagram :

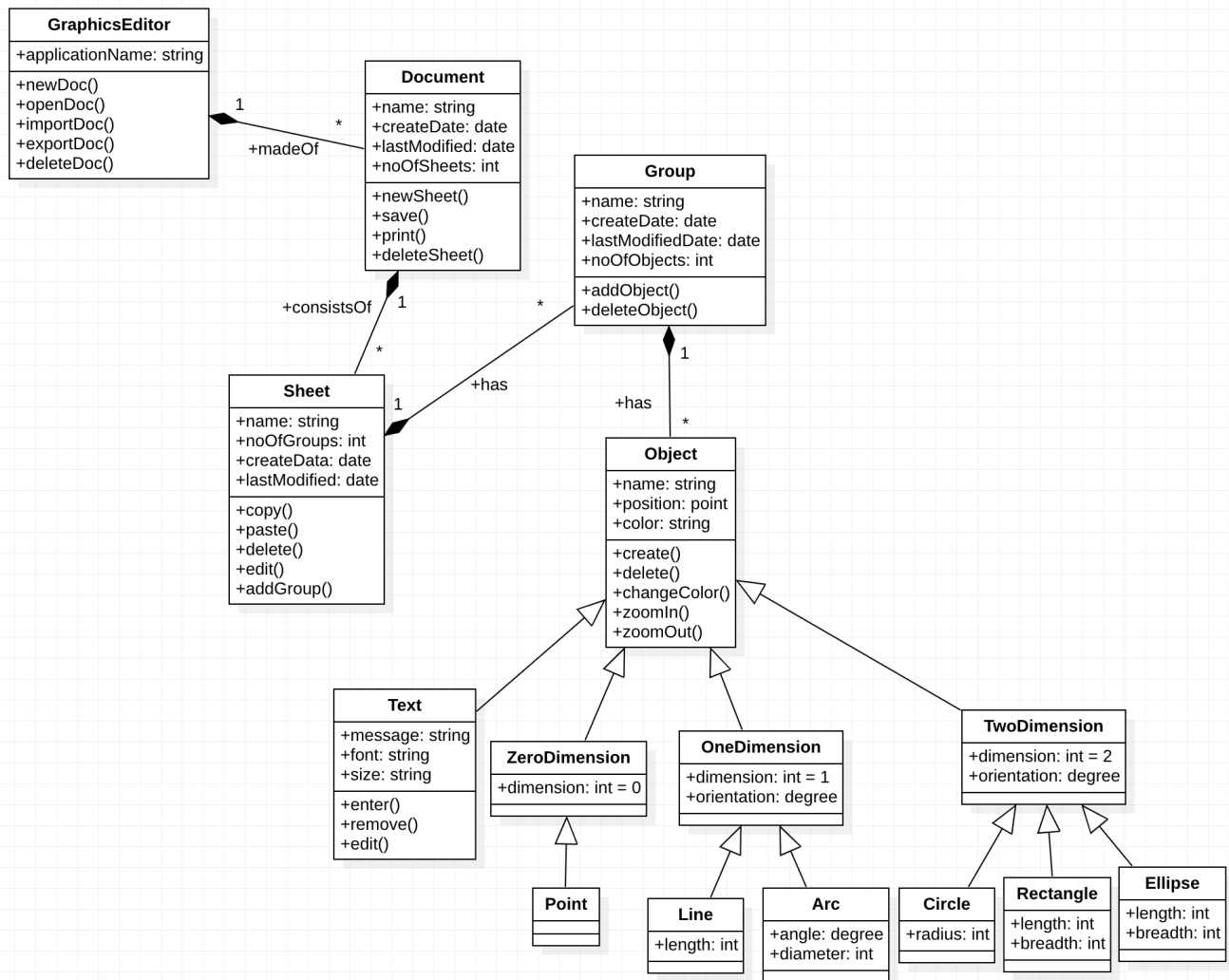


Advanced State Diagram :



7. GRAPHICS EDITOR SYSTEM

Advanced Class Diagram :



Advanced State Diagram :

