

Aim :

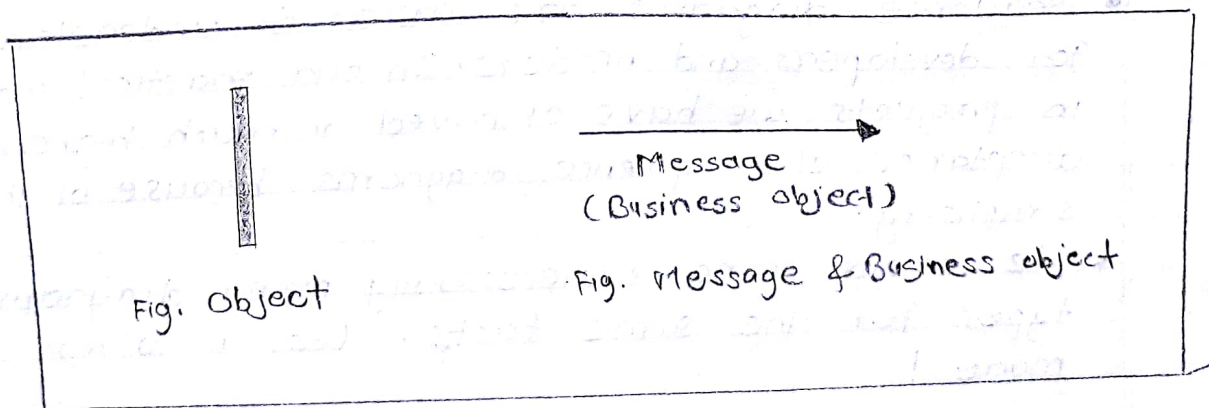
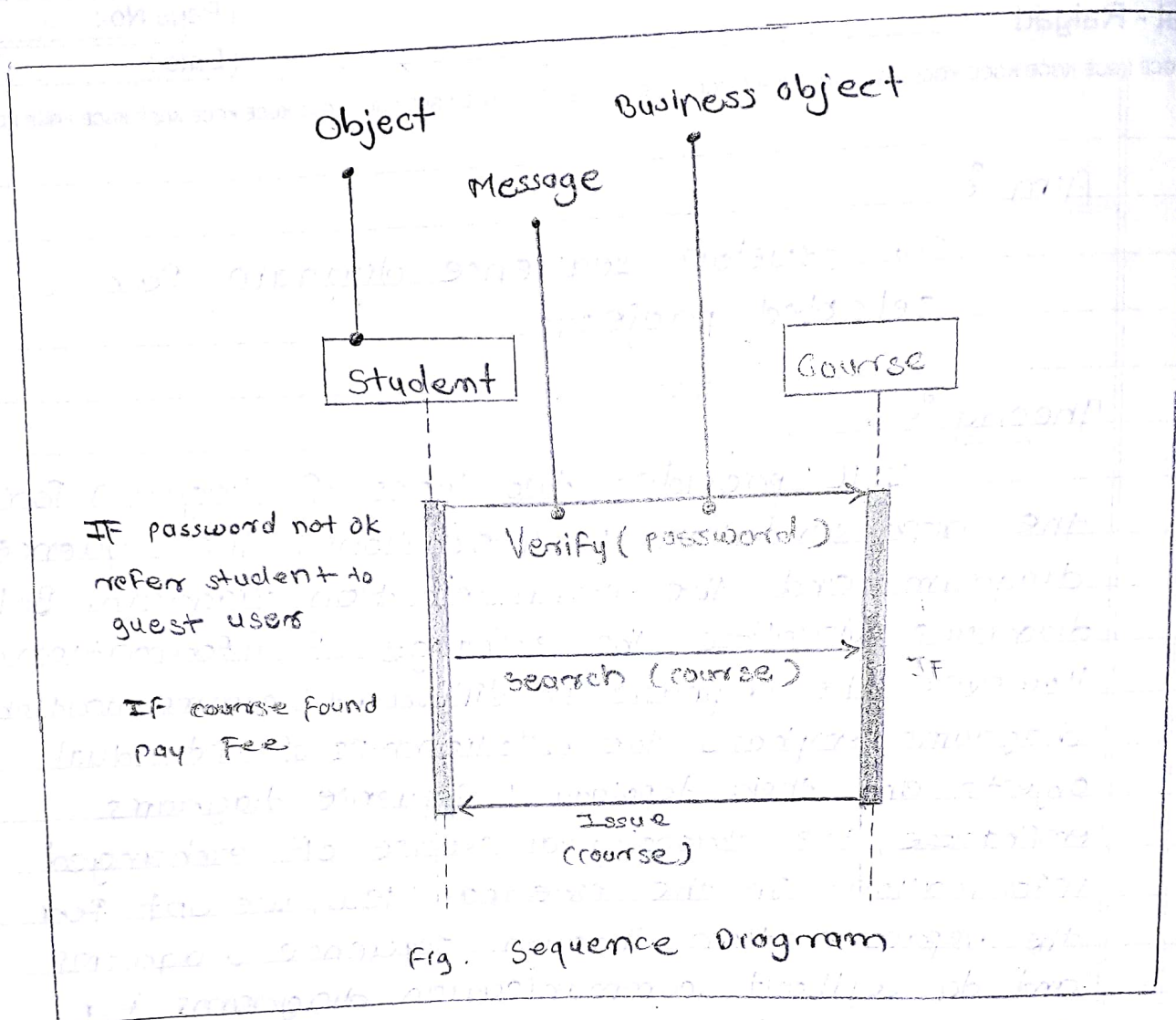
To develop sequence diagram for selected project

Theory :

UML provides two types of diagram for the representation of interactions: the sequence diagram and the communication diagram. Both diagrams visualize the exchange of information. However, the emphasis is different: communication diagrams emphasize the relationships of individual objects and their topology, sequence diagrams emphasize the chronological course of exchanged information. In the external view, we opt for the representation through sequence diagrams and do without communication diagrams for two reasons:

- Sequence diagrams are easier to understand for developers and readers. In our practical work in projects we have observed a much higher acceptance of sequence diagrams because of their simplicity.
- We avoid using unnecessarily many diagram types for the same facts. Less is often more!

IF a customer or business partner uses an offered service, partners communicate with each other. The process can be described as a series of interactions. These interactions are clearly laid out in the sequence diagram.





A sequence diagram illustrates the various scenarios of a business use case.

Comment :

Object :

message and Business Object

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The business object is listed in parentheses.  
Business objects are conveyed together with  
messages. Some examples of business objects  
are tickets, boarding passes, and luggage.

### Conclusion :

Thus, we have studied and  
develop an sequence diagram for the  
selected project.

