





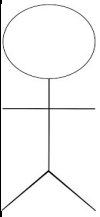


LIST OF SYMBOLS

SYMBOL NAME	NOTATION	DESCRIPTION
Class	<div style="border: 1px solid black; padding: 5px; margin: 5px 0;">Class name</div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">Visibility attribute Type=initial value</div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;">Visibility operation (arglist):return type</div>	Class represents a collection of similar entities grouped together
Association		Association represents a static relationship between classes.
Use case		A use case is an interaction between the system and other external examination.
Relational		It is used for Additional Process Communication
Control flow		It represents the control flow between the state
Data process/State		A circle in DFD represent the vertical dimension the object communication
Object lifeline		An object lifeline represents the vertical dimension then object Communication.

SYMBOL NAME	NOTATION	DESCRIPTION
Message		It represents the Message exchanged
Actor		Actors are the user of the system and other external entity that react with the system

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LIST OF ABBREVIATIONS

- **Q&A-** Question and Answer
- **NLP-** Natural Language Processing
- **CNN-** Convolutional Neural Networks
- **ML-** Machine Learning
- **SMM-** Semantic Matching Model
- **DL-** Deep Learning
- **LSTM-** Long Short-Term Memory
- **SVM-** Support vector Machine
- **SSD-** Single Shot Multibox Detector
- **YOLO-** You Only Look Once
- **TF IDF-** Term Frequency-Inverse Document Frequency
- **API-** Application Programming Interface
- **UI-** User Interface
- **NN-** Neural Network
- **CV-** Open Computer Vision
- **QR-** Question Retrieval