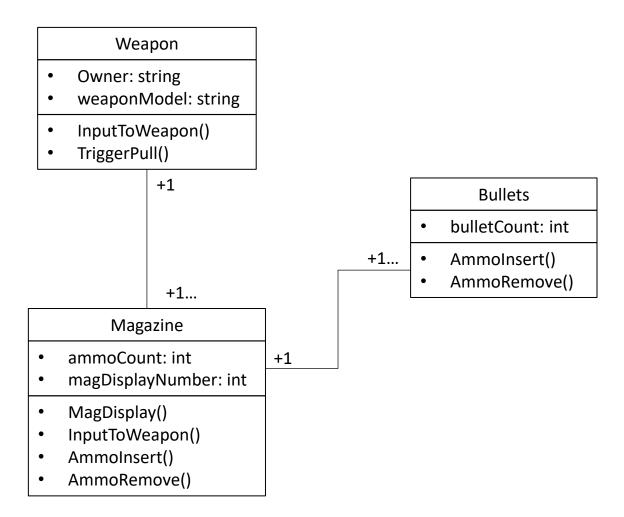
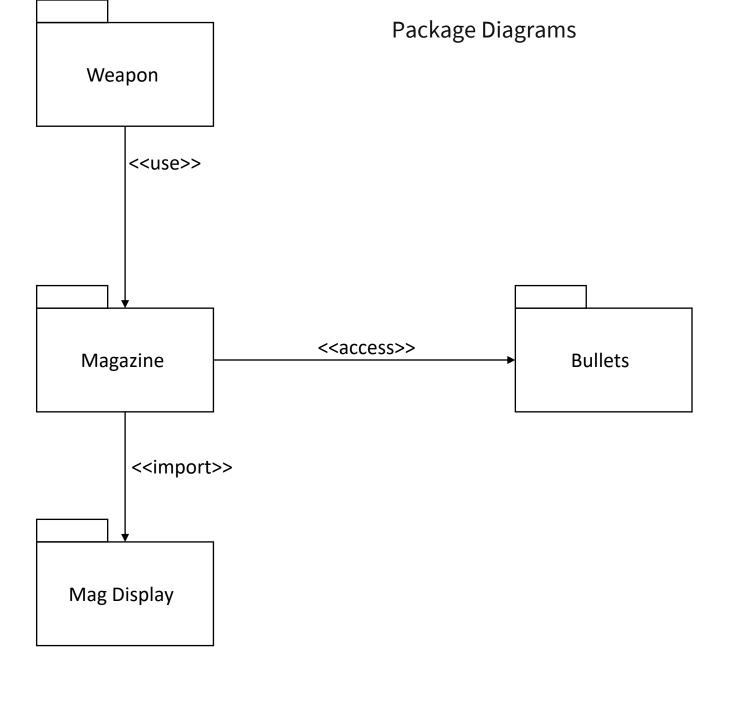
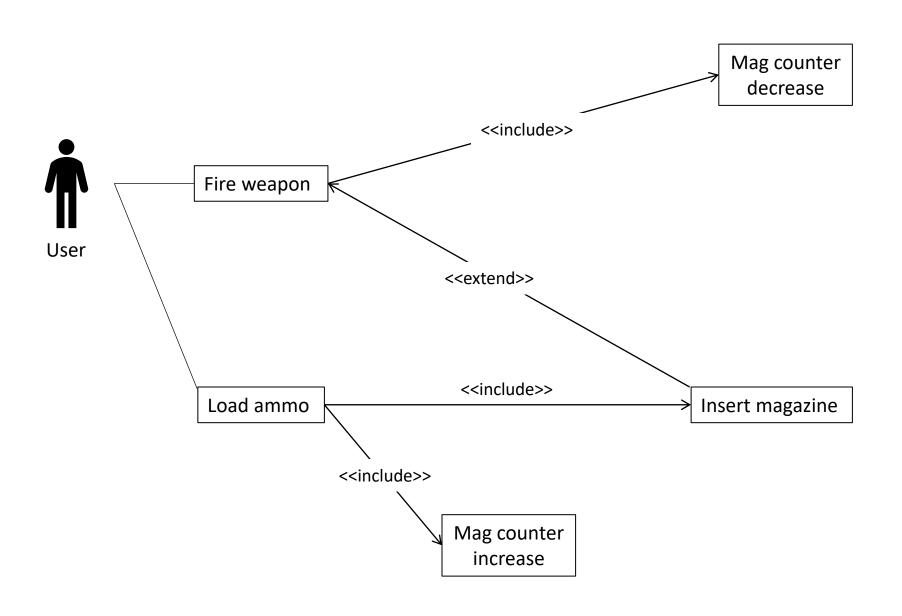
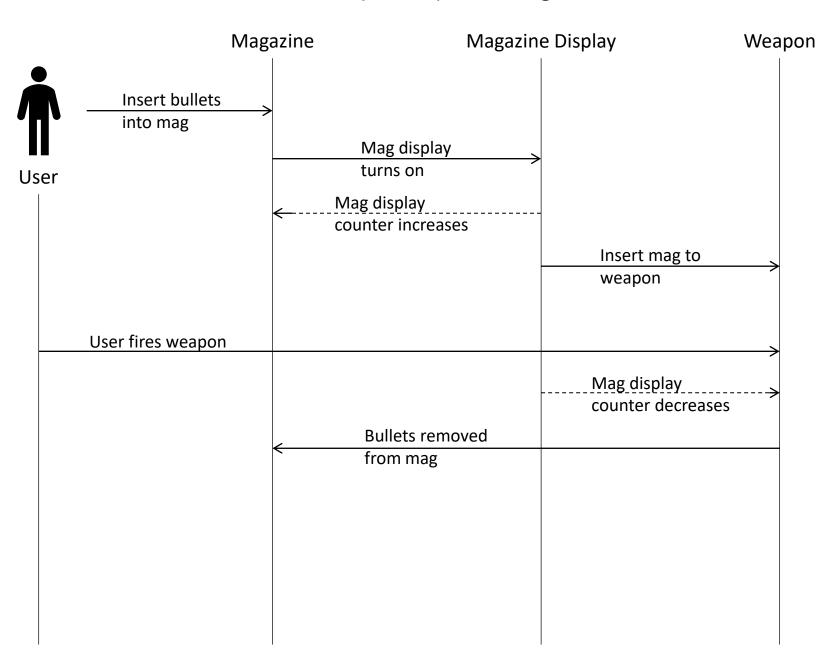
Class Diagrams



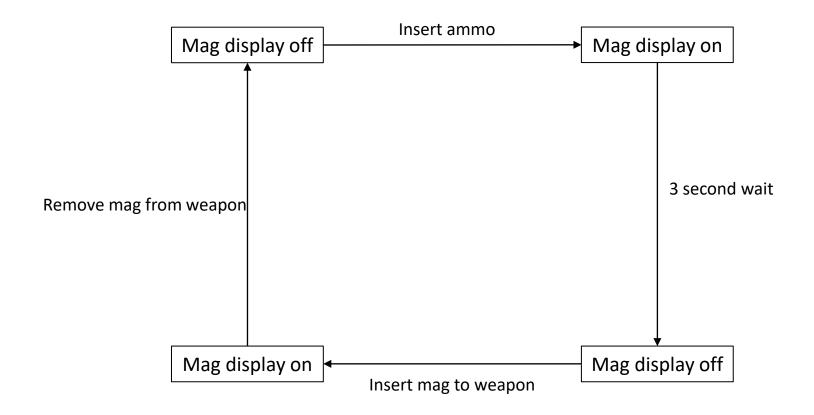




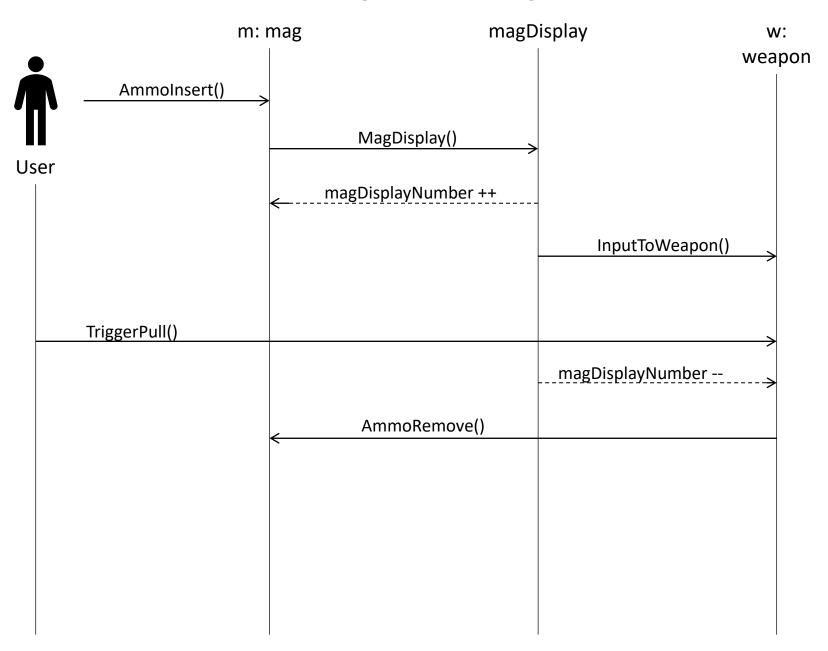
Analysis Sequence Diagram



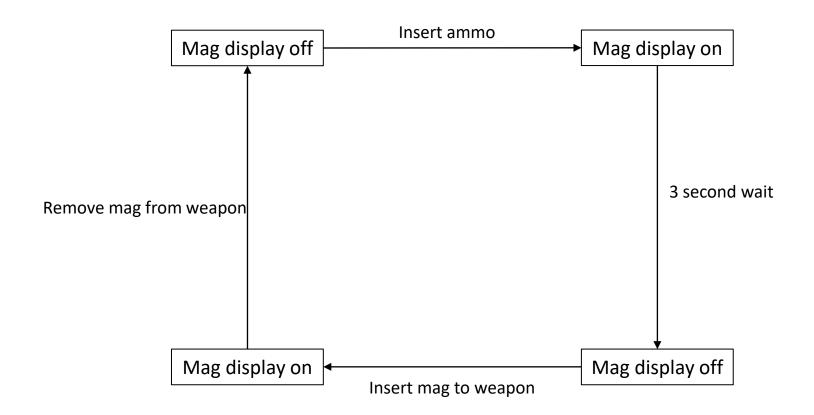
Analysis State Diagram



Design Sequence Diagram



Design State Diagram



Activity Diagram Fill mag Mag counter increases Insert mag Pull trigger Mag counter decreases Remove mag Mag counter turns off