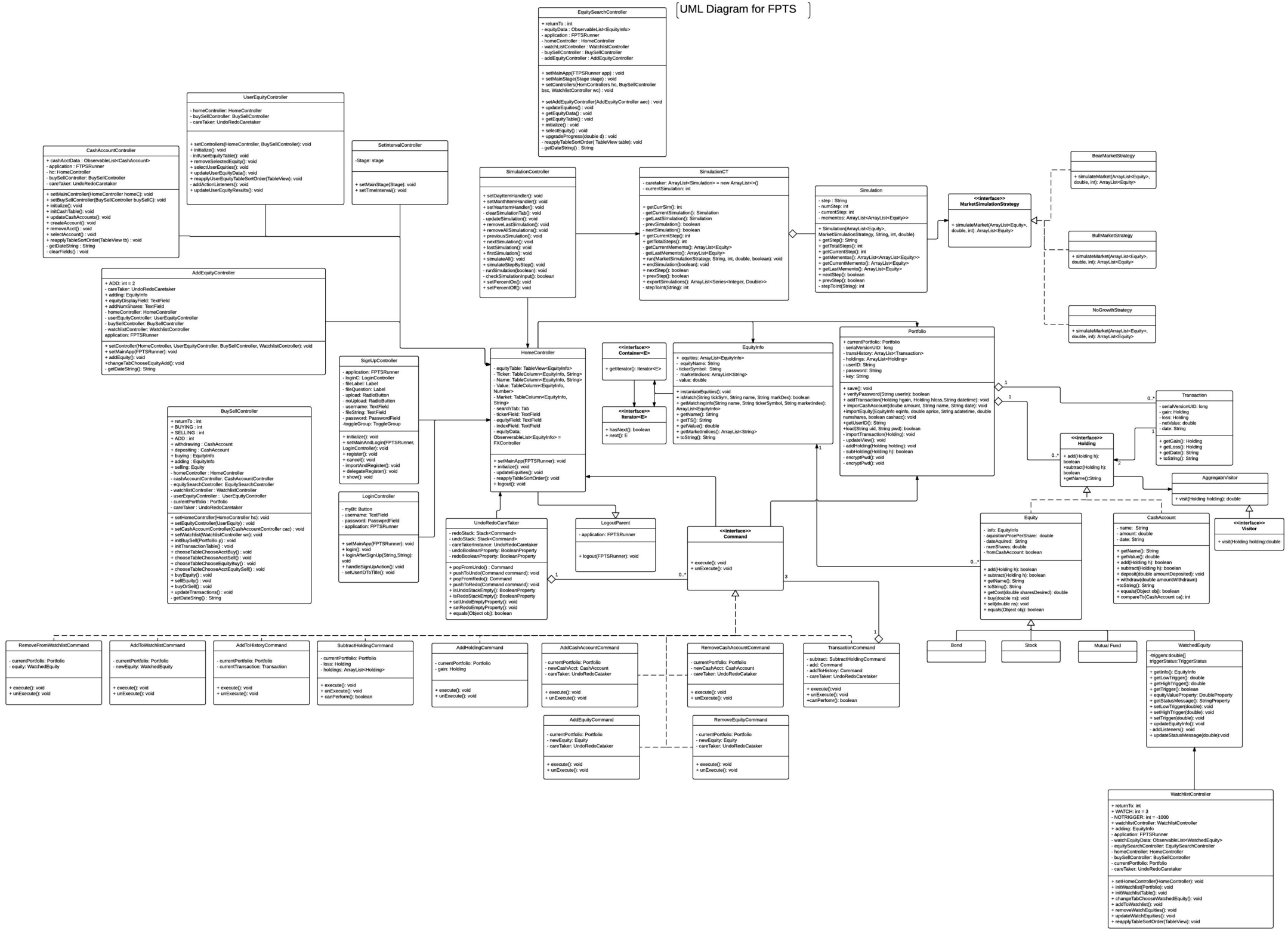UML Diagram for FPTS