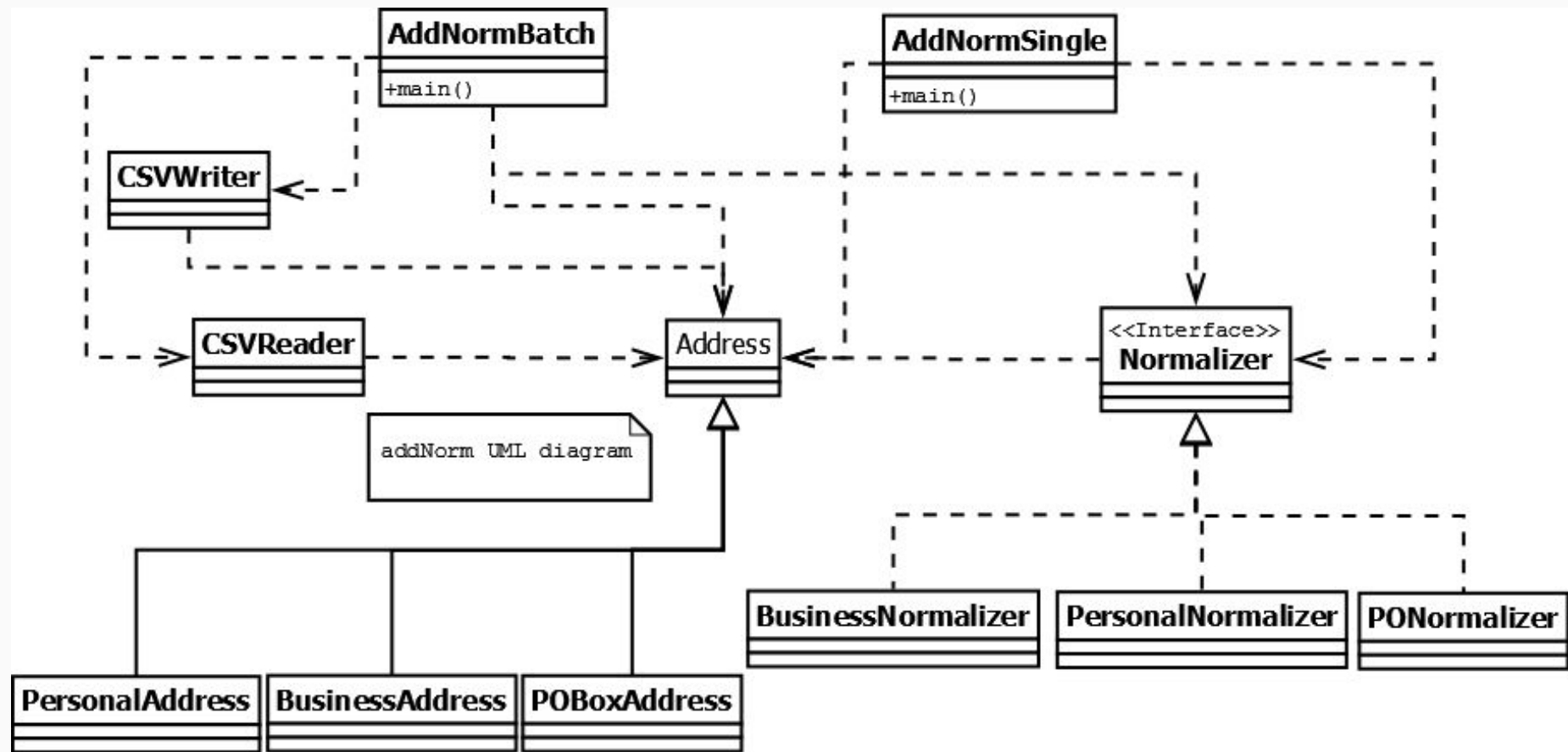


# Team 1 Design

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# Architectural Class Structure: Main and Subroutine

1. Strong support of transformational systems
  - a. Convert input to output with a hierarchy of reasonings
  - b. Single thread of control
  - c. Stateless system
2. Knowledge of procedural programming
3. Easy to achieve modularity
4. Using Java



# Decoupling & Future Development

1. Modular architecture style
  - a. Separate different functionalities into subroutines
  - b. International addresses
  - c. Database Connection
  - d. AI Engine implements Normalizer interface
2. One class, one responsibility
  - a. Address classes only contain the fields of an address
  - b. Normalizer classes only know about address classes