

Figure 1: UML for question 1

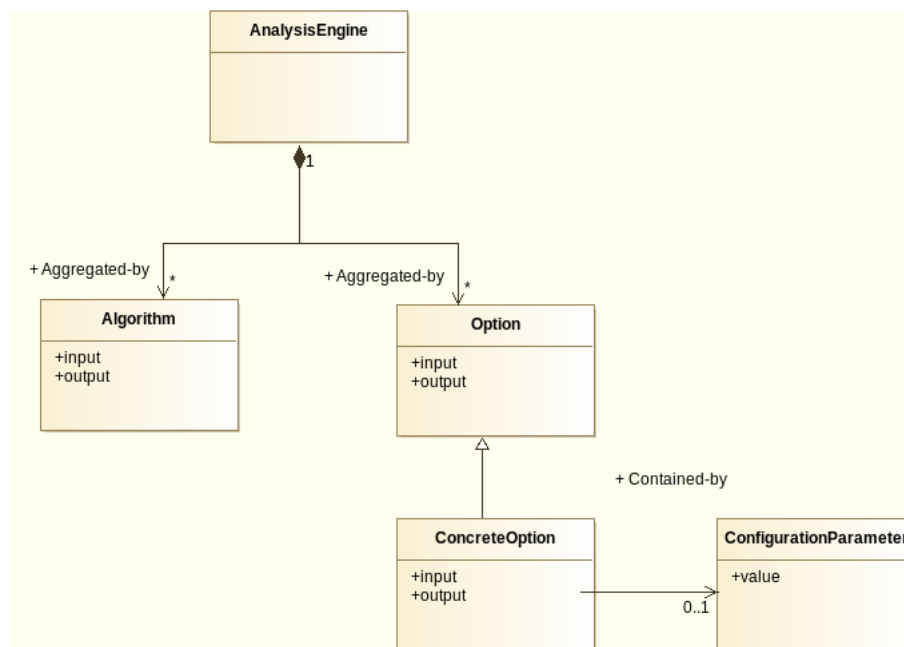


Figure 2: UML for question 2

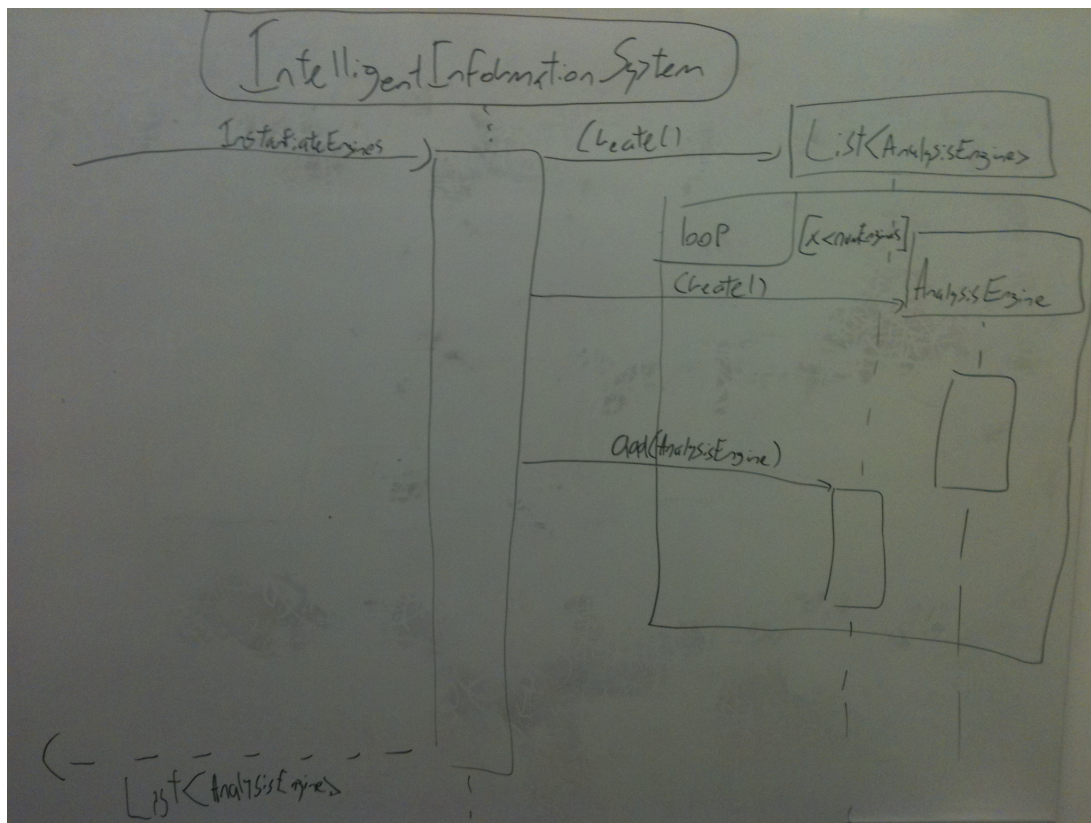


Figure 3: Sequence diagram for question 3