Model::Main

Student

+studentNumber

Course

+courseNumber

StudentData

StudentDataOfCourse

CourseData

«abstract»
Data

+type
+id

DataCollector

+storeData()

DataManager

+returnData()

DataFormatter

+formatData()
+getData()

DataTransport

+getData()
+storeData()

«abstract»
AnalyzeSystem

#analyze()

DataMiner

+analyze()

Visualizer

+analyze()

Predictor

+analyze()

Collaboration1::Interaction1::UpdateRawData

interaction UpdateRawData

| DataProvider | Data Management System | DataManager | Database |

1 : updateDataRequest

2 : updateRequest

3 : accept

4 : accept

5 : dataTransfer

6 : startDataTransfer

7 : storeData

8 : finish

9 : finishTransfer

10 : finsihData
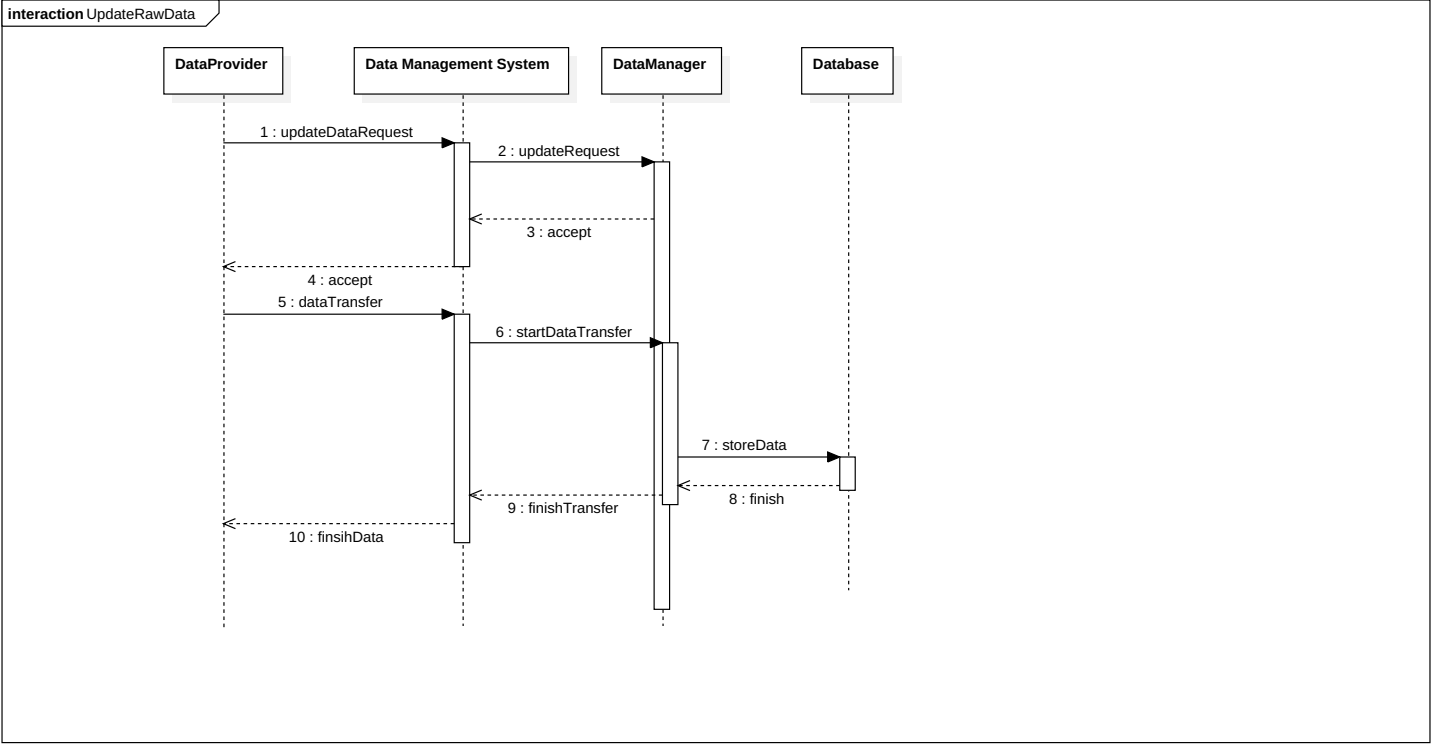
Collaboration2::Interaction1::DataAnalyze

interaction DataAnalyze
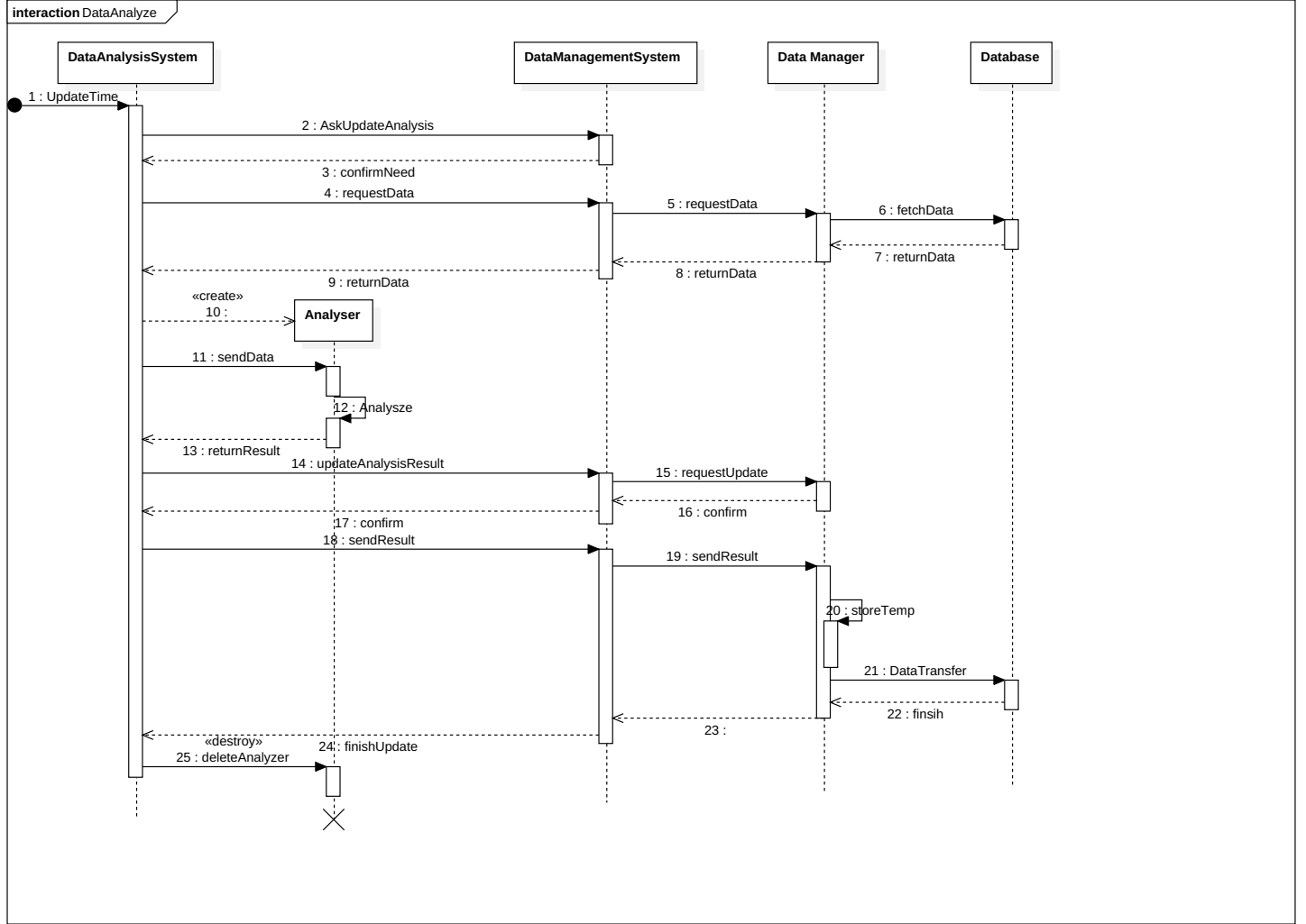
Collaboration3::Interaction1::Teacher Get Analysis

interaction Teacher Get Analysis

Teacher	**PresentationSystem**	**Database Management System**	**Data Manager**	**Database**

1 : requestAnaslysis

2 : requestData

3 : requestData

4 : checkExistence

5 : requestData

6 : returnData

7 : returnData

8 : returnData

«create»
9 : createPage

PageGenerator

10 : sendData

11 : returnRenderedPage

«destroy»
13 : delete

12 : returnPage