Homework 1

11-791 Design and Engineering of Intelligent Information System Fall 2012

UML Design and Named Entity Recognition Implementation with UIMA SDK

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1. architectural aspects

1.1 general data flow

1.2 UML

1.3 type system

1.4 engineering

1.5 design pattern

2. algorithmic aspects

2.1 machine learning techniques

2.2 NLP techniques

2.3 external (marked up text) training data used

2.4 external elxical resources (terminology lists) used

2.5 rule sets used

2.6 biological database used

2.7 any other relevant resources used to train/develop system

2.8