**Grading model**

**1.5pt Report (general)**  
0.5pt: Introduction to the system implementation process  
0.5pt: Overview of contributions of individual group members  
0.3pt: Conclusion  
0.2pt: Possible improvements

**1.0pt Implementation** **(general)**  
1.0pt: code quality and report guidelines as described in the assignment

**3.0pt Part 1a**  
1.7pt Report  
0.3pt: baseline systems  
0.3pt: design of machine learning model  
0.3pt: data description, preprocessing, statistics on data duplication  
0.3pt: quantitative evaluation, including data deduplication  
0.4pt: error analysis  
0.1pt: difficult instances

1.3pt Implementation  
0.2pt: data loading and preprocessing  
0.4pt: baselines  
0.3pt: machine learning  
0.1pt: data deduplication  
0.3pt: code to perform evaluation

**2.5pt Part 1b**  
1.1pt Report  
0.1pt: diagram development: choices made, alternatives, description of data exploration related to diagram development  
0.4pt: explanation of final diagram  
0.4pt: example dialog/dialog snippets with references to the state diagram  
0.2pt: description of system utterance templates with example sentences

1.4pt Implementation  
0.5pt: diagram (completeness, level of detail, clarity)  
0.3pt: state transition function  
0.4pt: identifying user preferences  
0.1pt: Levenshtein distance  
0.1pt: CSV lookup function

**2.0pt Part 1c**  
0.8pt Report  
0.4pt: description of reasoning component, including example dialog snippets  
0.4pt: description of configurability component

1.2pt Implementation  
0.4pt: implication rules  
0.4pt: configurability  
0.4pt: integration with dialog management

**Total: 10.0**