**APPENDIX D – SDP II – Final Presentation Readiness Form by Advisor**

must be submitted a minimum of one weeks prior to the presentation date

Project Title Development of Computer System for Lexical and Morphological Analysis of Azerbaijani Language

Project Advisor Samir Rustamov PhD.

**Readiness Checklist:**

Prototype / Simulation Model / etc. 🞎 Approved Signed \_\_\_\_\_\_\_\_\_\_\_\_

Comments \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Final Report 🞎 Approved Signed \_\_\_\_\_\_\_\_\_\_\_\_

Comments \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Final Presentation Slides 🞎 Approved Signed \_\_\_\_\_\_\_\_\_\_\_\_

Comments \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Website 🞎 Approved Signed \_\_\_\_\_\_\_\_\_\_\_\_

Comments \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

GitHub Repository (if applicable) 🞎 Approved Signed \_\_\_\_\_\_\_\_\_\_\_\_

Comments \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Scientific Paper (if applicable) 🞎 Approved Signed \_\_\_\_\_\_\_\_\_\_\_\_

Comments \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Advisor’s Written Evaluation/Review:**

The project is mainly about making the deep research and study of complex and rich Azerbaijani language by morphological and lexical analysis. The first steps of the project were cleaning the data that they obtained from 85 thousand news websites by removing unnecessary and irrelevant information. Then gathering data contained 77 thousand words excluding names from different sources and the fundamental idea of the program is that it generates 27 million different word forms with all the possible grammatical suffix combinations. Eventually, the team has made statistical analysis from the data which contained more than 3 million sentences. Using suggested algorithm, the team tested all the sentences and received 13 million words in overall which mainly contained nouns (6 million), verbs (1 million), adjectives (1 million) and etc. The outcome of the project was the web-interface where the users could enter the words and texts and then check the stemmed version of text and analysis of the words.

I hereby confirm that students Nicat Mursali, Fidan Aliyeva, Nargiz Huseynova and Jalal Rasulzada did outstanding work in the framework of their SDP and they are ready to present their project.

🞎 Approved – All requirements for Senior Design Project has been met by team and it was allowed to go forward with Final Presentation.

🞎 Conditionally Approved – Recommended Revision:

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🞎 Disapproved – Team is not allowed to go forward with Final Presentation. Reason for Disapproval:

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# Project Advisor Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Do not write in the section below:

🞎 Approved

🞎 Conditionally Approved

🞎 Disapproved

# SDP Coordinator Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Comments (mandatory in case of “Conditionally Approved” and “Disapproved”):

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