

5430: Software Engineering

Exercise – 10

Use python language to complete this task.

1. Write a summary for Chapter # 10
2. Design a web app to convert text to speech with python.
 - 2.1. Use IBM Watson
 - 2.2. Integrate IBM Watson with chatbot
 - 2.3. The application should be a small chatbot application
 - 2.4. Chatbot should answer with automatic system
 - 2.5. It should include an option to speak out the text messages if required
 - 2.6. App should include start session and end session option
 - 2.7. After the session is ended it should send chat transcript to your email
3. Write a short summary on how you used Chapter#10 knowledge for completing this Lab work.

Instructions:

- Submit the code file and images related to the code file in ZIP, also submit demo video (maximum 3 minutes) separately to Canvas. Finally, submit a short documentation of the in-class project. Please note that ZIP, VIDEO and PDF/Word files should be submitted separately but not in zip.
- The maximum allowed plagiarism is 15%. This is an opensource exercise you may use internet to complete the task, but you are not allowed to get help from your class members.
- Report of documentation should include screenshots and detailed explanation of your exercise.
- Minimum word count in the report should be between 1200 – 2000.

Percentage Breakdown: Summary (10%), Exercise (70%), Video (10%), Knowledge (10%)