Workflow:

1. Design the UI of the extension using a design tool like figma.
2. Coding part for the frontend part of the web extension
    a. Work with HTML, CSS and JavaScript
    b. Then use the developer option of the chrome extension to view the extension simultaneously
3. Perform web scraping for dynamic URL (Each time the content of the website will be dynamic)
    a. Try to get the content of the portion selected by the mouse pointer only, because the model will have to maintain the context for the portion, with limited resources if we give full webpage, it may not summarize properly.
4. **Use Flan-T5 model for text generation and find out good training data**
5. **Use LoRa for training with reduced memory footprint**
6. **Test the model using sample content using evaluation metrics, if performance is not good, goto step 4, else save the model with the best performance.**
7. **Make an API which takes input as text (content scraped from the webpage) and gives the output (summarized content). So, the API should connect with the frontend and the backend.**
8. Test the API using Postman.
9. Integrate the API with the frontend and backend. Check if it works using the developer option of the chrome extension
10. Deploy the extension.