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SWE2024- Software eReuse

**Digital Assignment 1 [ 7.5 marks]**

1. Time customer services company has a legacy system that is running on a IBM Mainframe that is running since 1975. It is a Magazine Fulfillment system that serves customers who order magazines and newspapers and many of its functions are written from 1975-1998 [. The company wants to reuse all these functions from a web interface. It does not want to rewrite the code. Write a 4 page document how Time company can reuse its functions on the legacy system and the method by which it can reuse

The document should cover

[1] The methodology

[2] Block diagram of the interface to the legacy system

[3] possible UML diagrams

[4] PUSH feeds if any to send remainders to customers to pay the annual subscription f ees if their subscription has expired.

Note : For this assignment you need to understand what is a magazine fulfilment system, what possible functions it does and also how to access a legacy system from web. Study extensively and write this assignment. **Originality and Integrity will be appreciated. Do not share your assignment with others. If any similiarity is noted between assignments, then both the students submitting similar assignments will be penalized**.

**This has to be written by hand, photograph taken and converted to a pdf file and uploaded.**

**We have already given 2.5 marks for the inline class quiz [ part a]. Hence this carries only 7.5 marks.**