Day 1 Graded Assignment

INSTRUCTIONS

- Convert this PDF document to a Word document (if necessary) to edit your answers then generate (if necessary) a PDF version and email it to the Instructor to: juanpimentel882@gmail.com
- Use the following structure for the name of your file: Your first initial followed by your last name followed by -SE-2, example: jdoe-SE-2.pdf
- Your submitted document should have a maximum of 3 pages.
- This assignment is based on the paper "DEVELOPMENT-AGV-SysML.pdf" that is available in the course website. Read and understand the paper to answer the questions below.
- TOPICS: MBSE, SysML, Design, AGV (Automated Guided Vehicles).

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NAME

1. In your own words, what is the essence of the paper?

2. Summarize the main contributions of the paper.

3. In your opinion, what are the benefits of using SysML in the design and implementation of the AGV system?

4. Provide your comments in terms of the following:

a) Can the methodology be used in any other system? (e.g., automated vehicles). Can you identify any limitations?

b) How appropriate is the methodology of the paper to address safety aspects?

c) How useful is the methodology of the paper in terms of applying for your current projects? Explain.