QUEEN’S UNIVERSITY OF BELFAST COMPUTER SCIENCE

Minute of Project Supervision Meeting

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Student Attendee Names: Debdal Chowdhury

Chelsea De Marseilla

Project Module Code: CSC3002

Project Supervisor: Pantelis Sopasakis

Meeting Number: 02

Date of Meeting: 08/10/2024

Progress since last meeting, and decisions arrived at during meeting:

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* CM:
  + Went through the mentioned parts of LeVeque
  + Derived the 1D heat equation using the explicit method (FTCS) on the whiteboard, established boundary conditions and initial conditions.
* DC:
  + Didn’t make much progress due to personal circumstances.
  + Followed along and noted down the derivation from the whiteboard
* Prof. Sopasakis showed the derivation of the 1D heat equation using an implicit method (BTCS)

Action Points:

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* Implement the FTCS explicit method simulation of the 1D heat equation in Python

Date of next meeting:

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DC: Friday, 18th of October 2024, 1:00pm

CM: Tuesday, 16th of October 2024, 11:00am

Agreed minute should be initialled by the supervisor.

Supervisor's Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supervisor's Comments:

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