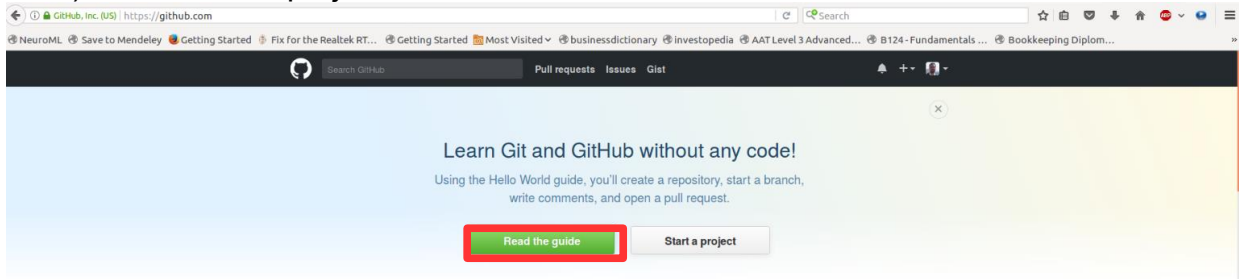


Lab 2

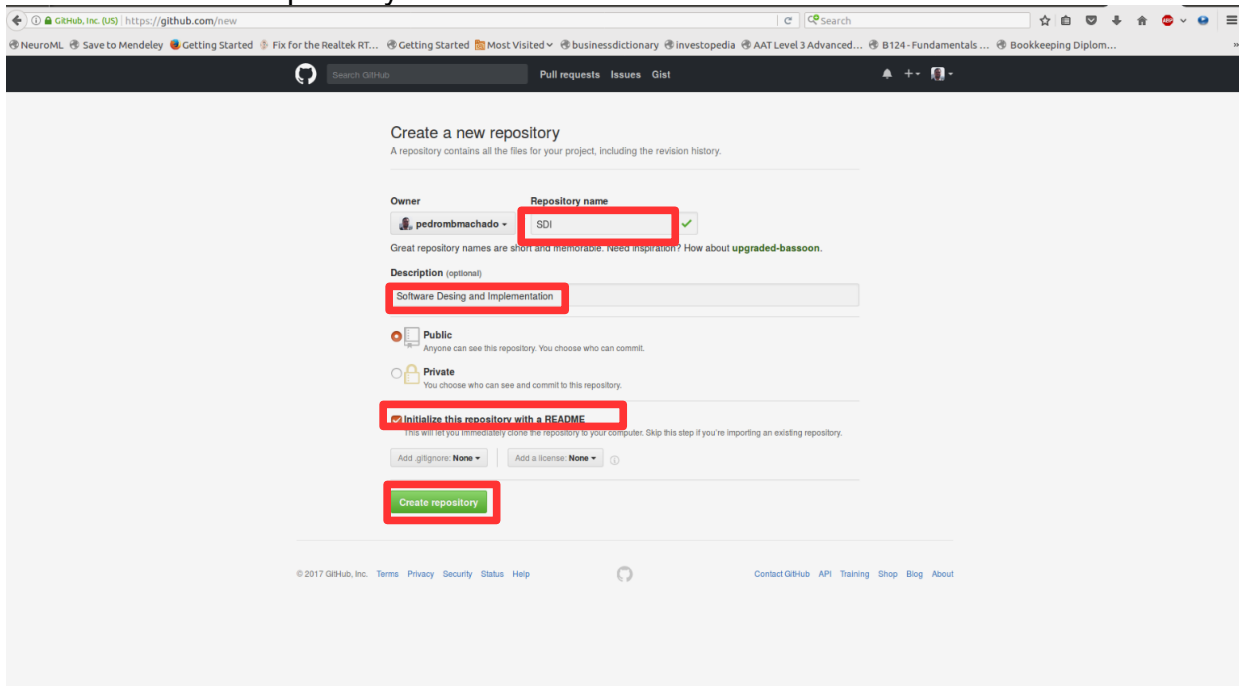
First part: Follow the tutorial

- Follow the following tutorial for configuring your GitHub.
- 1) Setup a GitHub account

- 2) Select start a project



- 3) Enter the repository name, description, select initialize this repository with a README and select create repository.

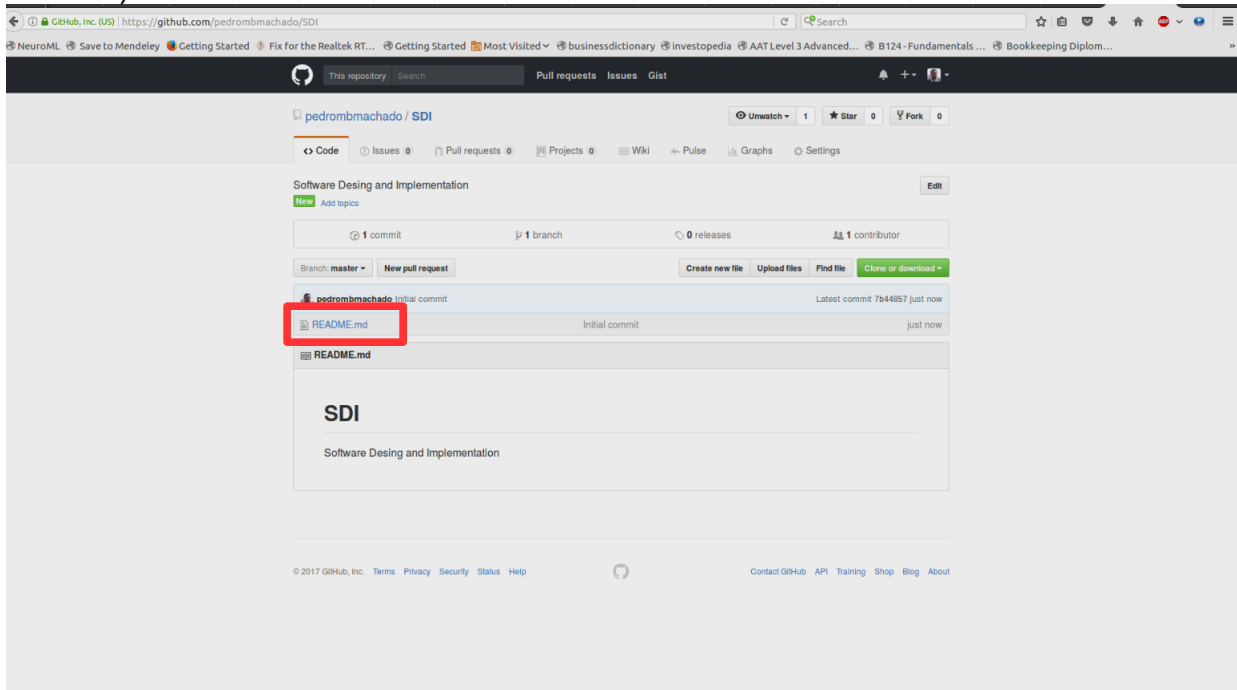


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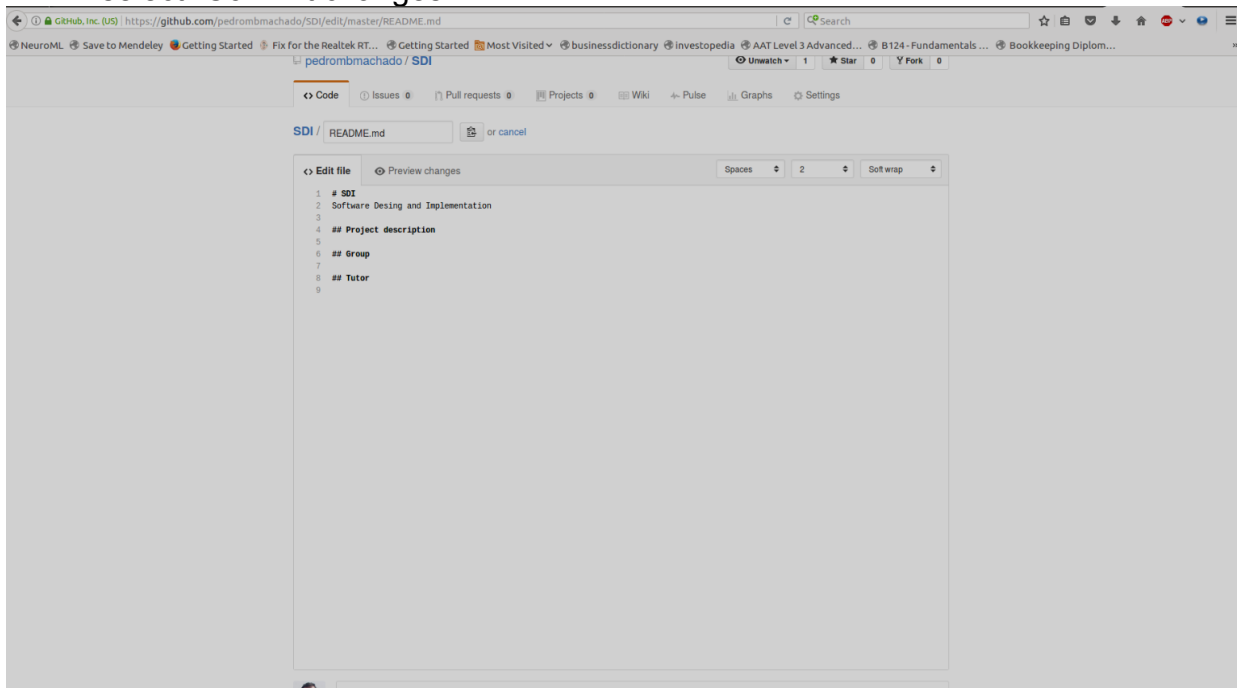
SOFT20091 – Software Design & Implementation 2

2019/20

4) Click on README.md



5) click and edit README.md, Add “## Project Description”, “## Group”, “Tutor” and select “Commit changes”

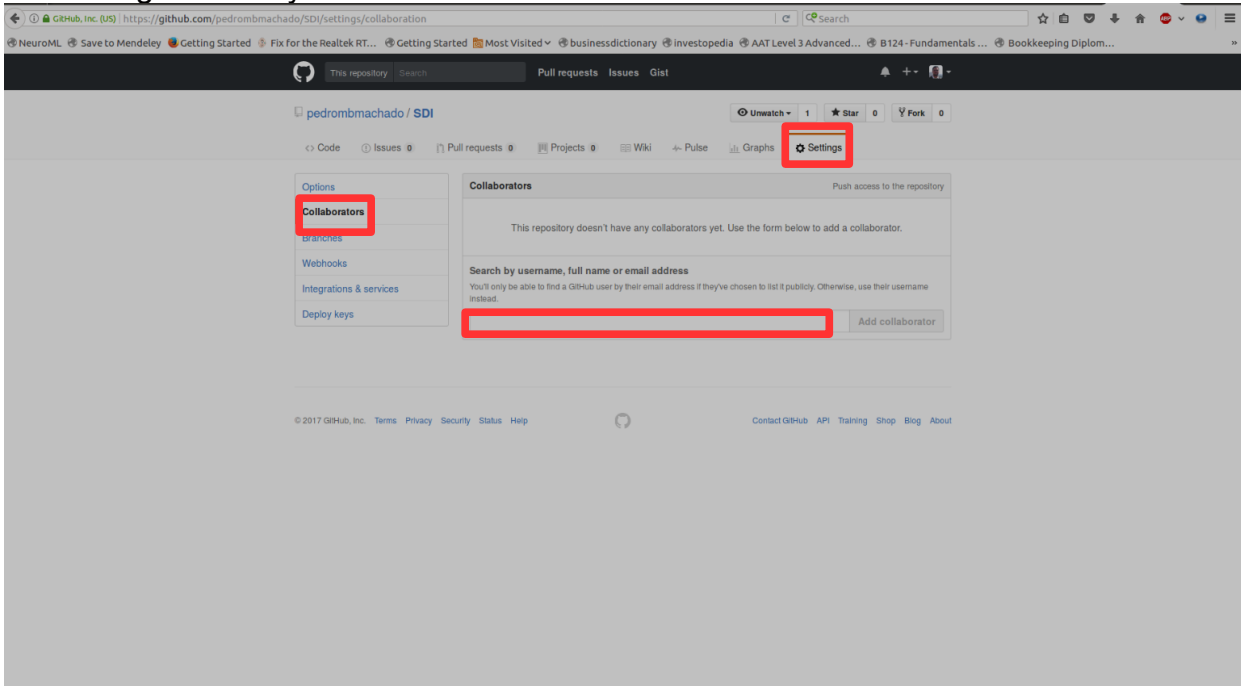


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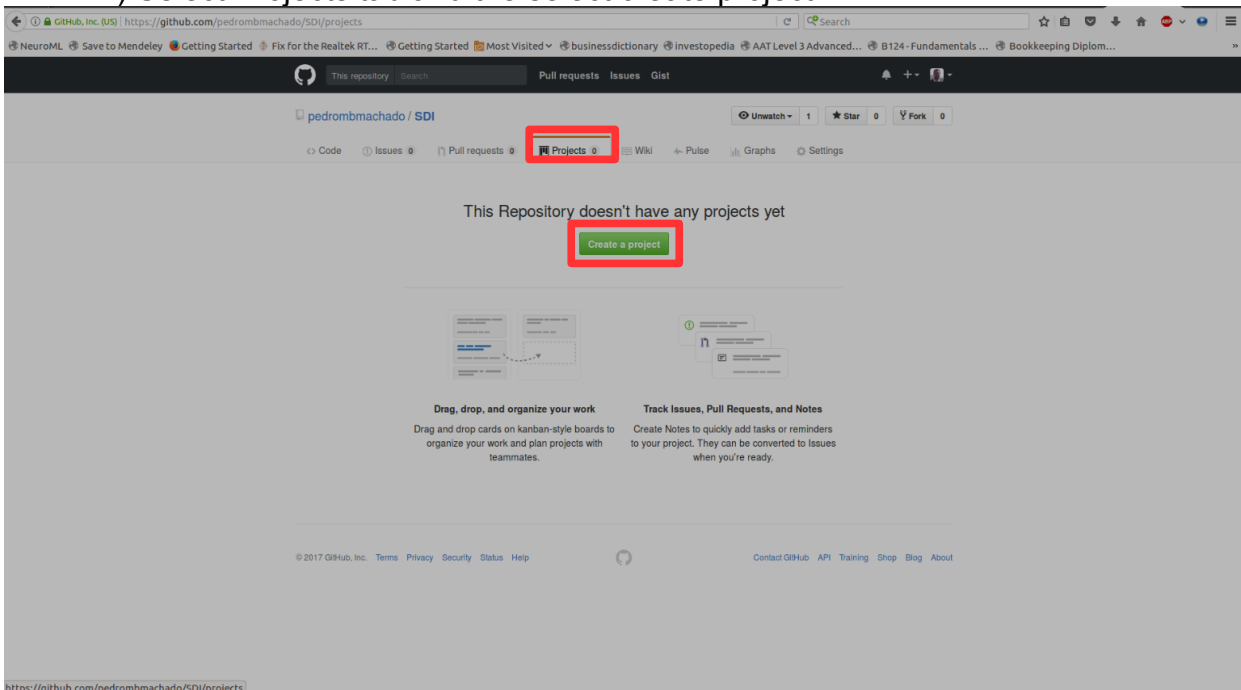
SOFT20091 – Software Design & Implementation 2

2019/20

6) Select settings tab, select collaborates and invite the other members. Do not forget to add your tutor to the list of collaborators.



7) Select Projects tab and the select create project



Nottingham Trent University
SOFT20091 – Software Design & Implementation 2
2019/20

8) Enter the name of the project and description and hit save project

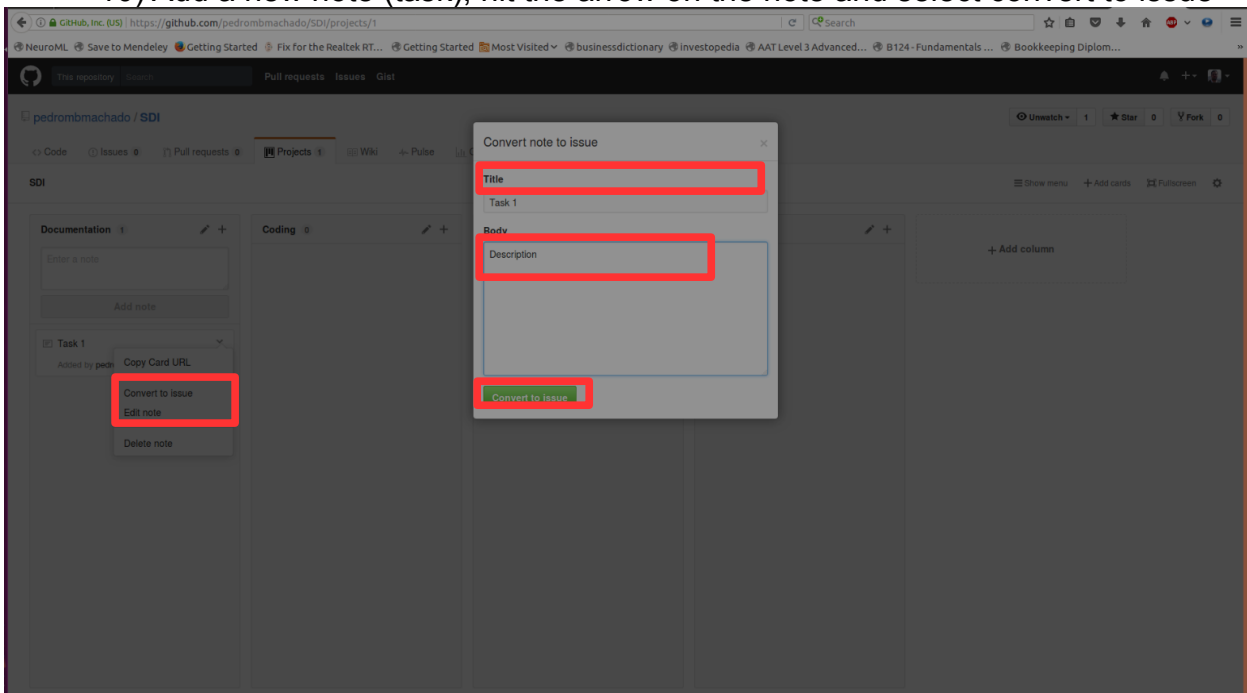
The screenshot shows the GitHub interface for creating a new project in the repository 'pedrombmachado / SDI'. The 'Name' field contains 'SDI' and the 'Description' field contains 'Software Design and Implementation'. A green 'Save project' button is visible at the bottom right of the form. Red rectangles highlight the 'Name' and 'Description' input fields.

9) Add 4 columns (Documentation, Coding, Design and Testing)

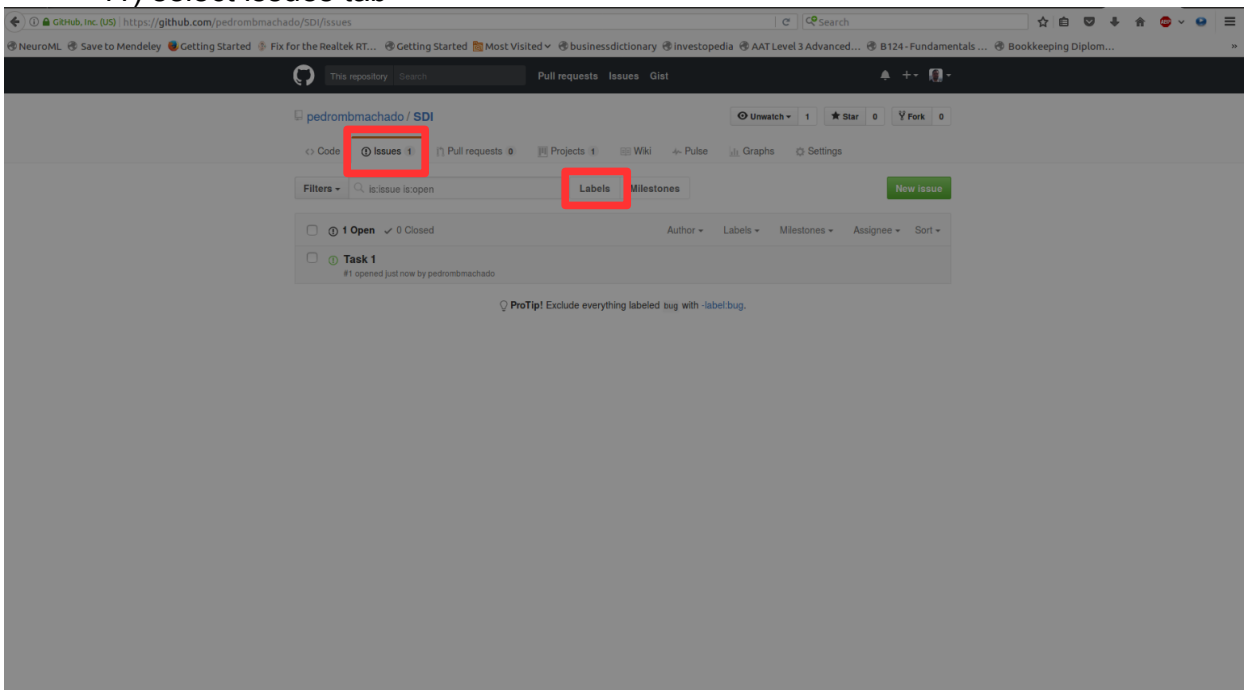
The screenshot shows the GitHub Projects board for the repository 'pedrombmachado / SDI'. The board has four columns: 'Documentation', 'Coding', 'Design', and 'Testing'. Each column has a header bar with a pencil icon and a plus sign. A fifth column labeled '+ Add column' is also visible. Red rectangles highlight the four existing columns and the '+ Add column' button.

Nottingham Trent University
SOFT20091 – Software Design & Implementation 2
2019/20

10) Add a new note (task), hit the arrow on the note and select convert to issue



11) select issues tab

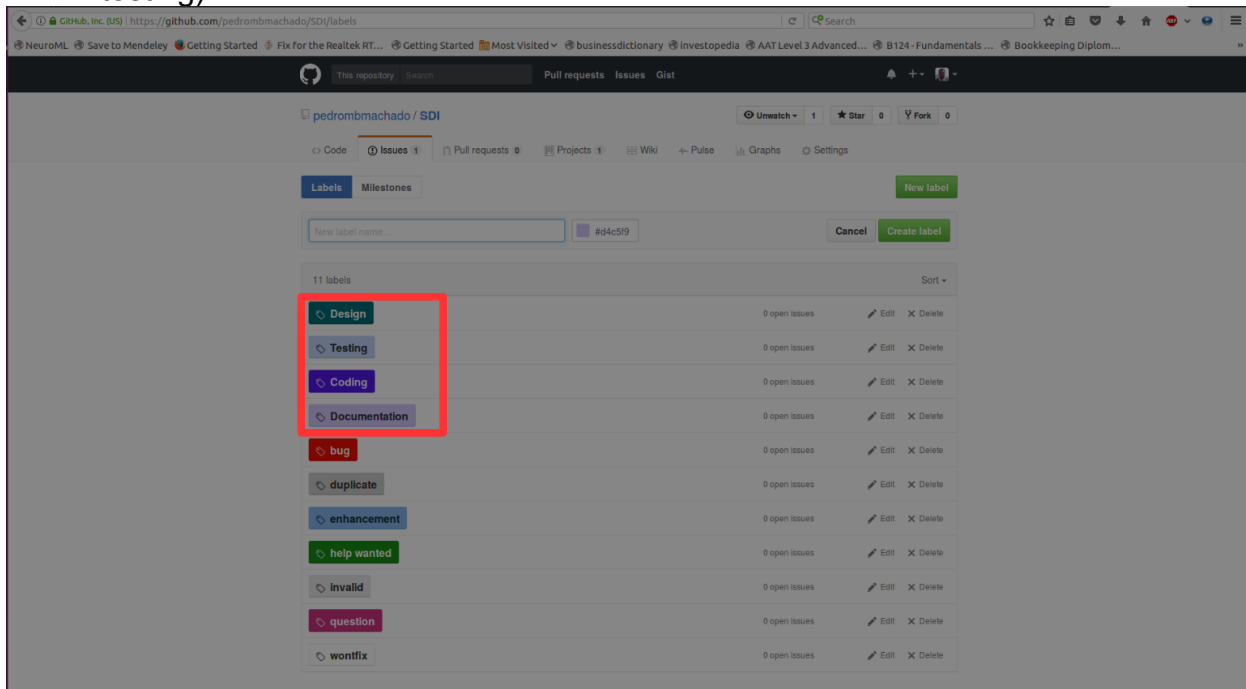


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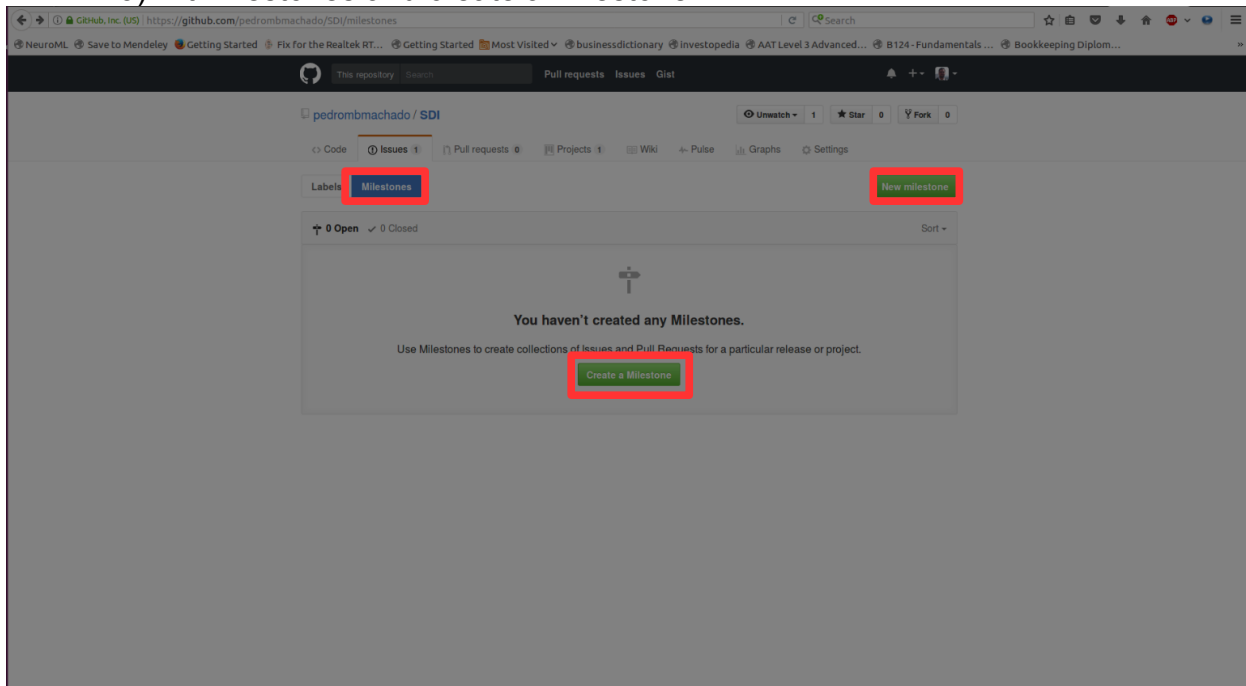
SOFT20091 – Software Design & Implementation 2

2019/20

12) Hit Labels and create the same 4 labels (coding, documentation, design and testing)



13) Hit Milestones and create a milestone.



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SOFT20091 – Software Design & Implementation 2

2019/20

14) Insert the milestone designation, describe the features to be release, assign a date and hit create milestone.

Title
Release 1.0

Description
Describe the features to be released

Due Date (optional) clear
March 2017
Mon Tue Wed Thu Fri Sat Sun
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31 1 2

Create milestone

15) Select Issues tab again, select the previous issue. Assign assignees, Labels and milestones.

Task 1 #1

Open pedrombmachado opened this issue 9 minutes ago · 0 comments

pedrombmachado commented 8 minutes ago

pedrombmachado created this issue from a note in SDI (Documentation) 8 minutes ago

pedrombmachado self-assigned this just now

pedrombmachado added the Documentation label just now

pedrombmachado added this to the Release 1.0 milestone just now

Assignees
pedrombmachado

Labels
Documentation

Projects
Documentation in SDI

Milestone
Release 1.0

Write Preview

Leave a comment

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

Close issue Comment

Second part: Programming exercise

Suppose that you have the following definitions:

```
struct timeType
{
    int hr;
    double min;
    int sec;
};

struct tourType
{
    string cityName;
    int distance;
    timeType travelTime;
};
```

- a) Declare the variable **destination** of type **tourType**.
- b) Write C++ statements to store the following data in **destination**:
 - i. **cityName** – Nottingham,
 - ii. **distance** – 130 miles
 - iii. **travelTime** – 3 hours and 15 minutes
- c) Write the definition of function to output that data stored in a variable of type **tourType**.
- d) Write the definition of a value-returning function that inputs data into a variable of type **tourType**.
- e) Write the definition of a **void** function with reference parameter of type **tourType** to input in a variable of type **tourType**.