Final year project SEM1

Project manager

Project dates   6 Oct 2022 - 28 Dec 2022

Completion   63%

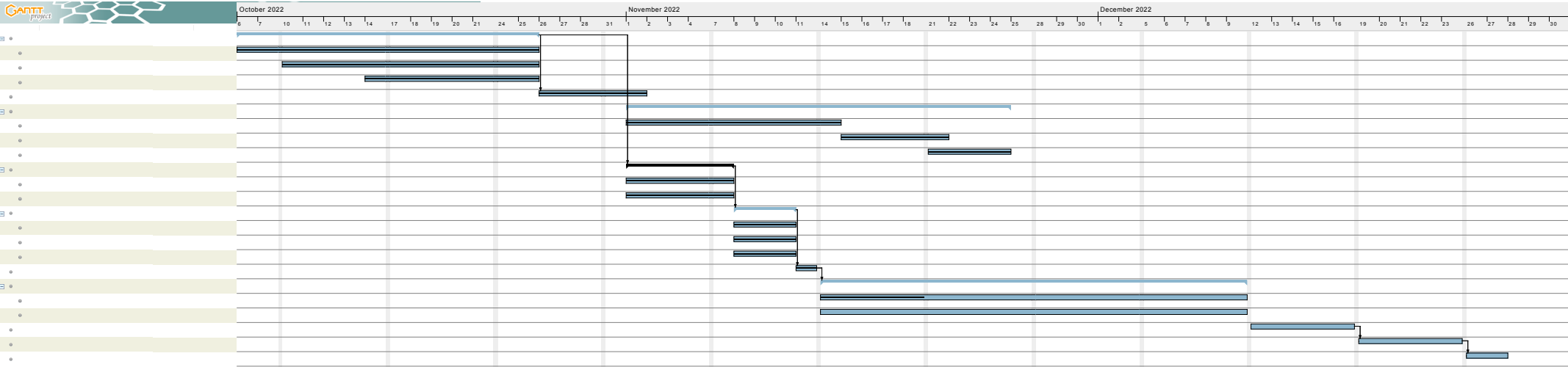**Tasks**   23

Resources   0

Tasks

Name	Begin date	End date
Learn about CNN	06/10/2022	25/10/2022
Analyse research papers on neural networks	06/10/2022	25/10/2022
Complete tutorials on CNN	10/10/2022	25/10/2022
Research existing solutions	14/10/2022	25/10/2022
Literature review on Alzheimer's and CNN	26/10/2022	01/11/2022
Complete the interim report	01/11/2022	24/11/2022
Demonstrate the CNN architecture	01/11/2022	14/11/2022
Draw wireframes of the app	15/11/2022	21/11/2022
Demonstrate how to detect Alzheimer's	21/11/2022	24/11/2022
Dataset acquisition	01/11/2022	07/11/2022
Compare image datasets	01/11/2022	07/11/2022
Label all MRI images	01/11/2022	07/11/2022
Image Preprocessing	08/11/2022	10/11/2022
Align (centre) all images	08/11/2022	10/11/2022
Skull stripping	08/11/2022	10/11/2022
Data augmentation	08/11/2022	10/11/2022
Partitioning dataset	11/11/2022	11/11/2022
Creating my own CNN model	14/11/2022	09/12/2022
Build convolution and ReLU	14/11/2022	09/12/2022
Implement maxpool algorithm	14/11/2022	09/12/2022
Train the new model	12/12/2022	16/12/2022
Optimize the trained model	19/12/2022	23/12/2022

Tasks

Name	Begin date	End date
Evaluate accuracy and loss	26/12/2022	27/12/2022

Gantt Chart

Resources Chart

October 2022	November 2022	December 2022
6 7 10 11 12 13 14 17 18 19 20 21 24 25 26 27 28 31	1 2 3 4 7 8 9 10 11 14 15 16 17 18 21 22 23 24 25 28 29 30	1 2 5 6 7 8 9 12 13 14 15 16 19 20 21 22 23 26 27 28 29 30