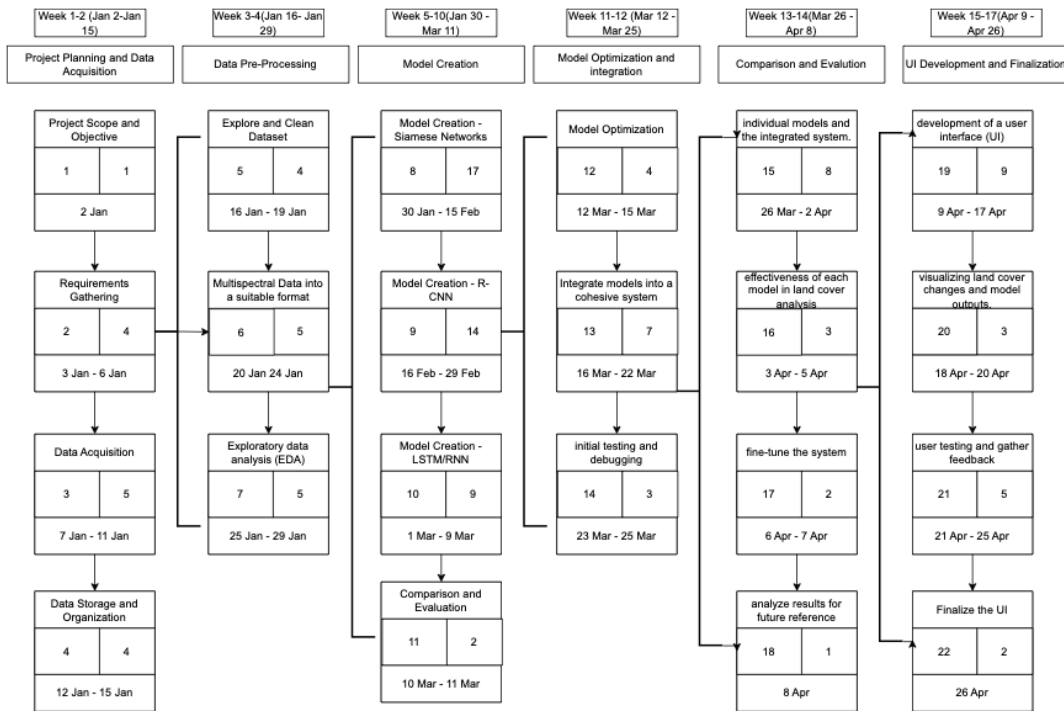


Progress report of Week 2

Duration: 09/01/2024 to 15/01/2024

To be filled by Students	
Project Title finalized, if Yes, give name, if NO, give reason	Multispectral Land Cover Analysis and Change Detection for Assessing Environmental Dynamics
Synopsis submitted	Yes
Literature review	Yes
Technical & Economical Feasibility	GPU required
Bill of Material	NA
Design of components	NA
Fabrication work (give %)	NA
Experimental work (give %)	15%
Result and Analysis	Tried and tested initial models and observed shortcomings. Understood where the source of error is.
Report writing	Added new information to “Methodology” section of report
Work done in this week: <ul style="list-style-type: none">• Explored data preprocessing methods in detail.• Found new data formatting techniques which suit the project better.• Constructed initial Siamese model and tested on a small scale dataset.• Understood the shortcomings of the model and improving upon them	

PERT Chart



Signature of Student:

Nayan R. day

To be filled by Guide (strike off whichever is not applicable)

Performance of students is satisfactory/
Unsatisfactory

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A warning to be issued to student(s)

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Feedback given to students
on current progress

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Task assigned for next week

- Improve upon the shortcomings and try running the model again
- Check if changing data preprocessing pipeline affects the results
- Try other models and compare the observations

Date

Signature of Guide