



Capstone Project 2  
Comments, Suggestions, and Recommendations

Title:	LigtasTanim: A MOBILE WEB-BASED PROFILING AND MANAGEMENT OF AGRICULTURAL FARMERS CROPS OF DEPARTMENT OF AGRICULTURE IN STO. TOMAS WITH IMAGE DETECTION		
SDG:	Goal #15: Life on Land		
Date of Defense:	December 17, 2024	Time:	10:00 AM-12:00 NN
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COMMENTS AND SUGGESTIONS	
A. System and/or Application	
<div>1. Web app (pending farmers)- Make sure the actual data and documents are uploaded to the system (land title, land tax, valid id, etc.)</div> <div>2. Web app (login)- Change the admin access (username and password) for better security</div> <div>3. Mobile app (registration)- Check the required fields</div> <div>4. Mobile app (registration)- Add “confirm password”</div> <div>5. Mobile app (registration)- Fix address forms (dropdown for barangays, etc.)</div> <div>6. Mobile app (registration)- Assets must be ready for uploading (land title, land tax, valid id, etc.)</div> <div>7. Web app (pending farmers)- Instead of manually typing the reason, make it a dropdown (e.g. Blurred photos, Wrong document, etc.)</div> <div>8. Web app (pending farmers)- Make the viewing of the photos sent more streamlined</div> <div>9. Mobile app (registration)- Require additional information on farmers profile upon successfully registering</div> <div>10. Mobile app (declining of registration)- Fix notification when registration is declined</div> <div>11. Web app (announcement)- Remove placeholder when already typing the title and body</div> <div>12. Web app (announcement)- Add date and time validation when posting an announcement</div> <div>13. Web app (announcement)- Fix notification when posting announcements</div> <div>14. Web app (account creation)- Remove the creation of another “admin”, change admin with “sub admin” and “staff” only</div> <div>15. Web app (account creation)- Add immediate POC (person of contact) on the account creation of farmers</div> <div>16. Web app (account removal)- Add the reason when removing the user and make sure the user will be notified (e.g. inactive, etc.)</div> <div>17. Web app (report generation)- Indicate the position of the person who generated the report</div> <div>18. Web app (account creation)- Verify if a farmer can only join one association at a given time</div> <div>19. Web app (transfer of association)- Notify the association of the transfer together with a reason</div> <div>20. Web app (account creation)- Put validation in creating association, it should require at least 15 members, also indicate contact person in organization.</div> <div>21. Web app (account creation)- Farmers must not be required to be in an organization to register an account</div> <div>22. Mobile app (crop management)- Add a suggested calendar for when to water, add fertilizer, etc. specific for a certain variety of crop</div> <div>23. Mobile app (crop management)- Add a way to choose a specific variety of crops</div> <div>24. Mobile app (crop management)- Add an actual calendar for when to water, add fertilizer, etc. specific for a certain variety of crop</div> <div>25. Mobile app (dashboard)- Add a way to monitor the crops from the dashboard of the application</div> <div>26. Web app (distribution)- Add validation on how much supply the DA has for assistance</div> <div>27. Web app (distribution)- Indicate the farmer’s total land owning, and how much assistance the farmer has received</div> <div>28. Web app (distribution)- Fix the distribution process, as it does not reflect the actual process</div> <div>29. Web app (crop management)- Indicate the type of fertilizer to use for a specific variety of crop</div> <div>30. Web app (crop management)- Add a way to validate the re-fertilization of crops after rain, or other types of natural occurrences</div>	



31. Mobile app (pest detection)- Add a way to keep a record of the encountered pests, diseases, etc. on a specific season
32. Mobile app (crop management)- Manage crops based on seasons (e.g. 1 <sup>st</sup> crop, 2 <sup>nd</sup> crop, 3 <sup>rd</sup> crop, etc.)
33. Mobile app (pest detection)- Farmers must notify the admin of newly encountered pests or diseases, and Admin must be able to add said newly encountered pests or diseases to the data sense
34. Web app (report generation)- Amount provided must be indicated on the Assistance Report
35. Web app (program creation)- Quantity and unit must be inputed
36. Web app (report generation)- List of farmers must be provided on the generated report
B. Document/Manuscript
1. Fix the scope of the manuscript, as it does not jive with the system
2. Others (Please refer to the manuscript).

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