Capstone Project 2
CMU-SE 451

Team Meeting Document

Craft Village Pollution Monitor System

Submitted by
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Approved by
Ph.D. Nguyen Thanh Binh

Proposal Review Panel Representative:

_____
Name   Signature   Date

Capstone Project 2 - Mentor:

_____
Name   Signature   Date

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Introduce, discuss topic & process		
Location	Online on skype		
Date and Time	*Date*	*Start Time*	*End Time*
	03/03/2023	21:00	21:30
Attendees	- Van Cong Le Ca - Bui Duc Huy - Hua Hoang Phuc - Nguyen thanh Trung - Huynh Ba Nhan		
Related documents	All Documents		
Content			
➢ Confirm new requirement for capstone 2 and find solution: ❖ Mobile application to Google Play Store. ❖ Backend, web application and AI online via AWS or VPS. ❖ Assign roles to new members.			
Result Items			
All Documents			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on skype		
Date and Time	*Date*	*Start Time*	*End Time*
	13/03/2023	20:35	21:15
Attendees	➕ Van Cong Le Ca ➕ Bui Duc Huy ➕ Hua Hoang Phuc ➕ Nguyen thanh Trung ➕ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		

Content

➢ Get more project requirements:
    ❖ The documentation section clearly describes the AI and Location-base workflow for members. (Ca, Huy, Phuc)
    ❖ Consider whether a solution using AWS is appropriate.
    ❖ Check for errors detected during use on real devices.
    ❖ Implement new functional code for web application.

Result Items

➢ Required documents:
    ❖ Product Backlog
    ❖ Architecture Document
    ❖ Test Cases

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on skype		
Date and Time	*Date*	*Start Time*	*End Time*
	22/03/2023	20:45	21:30
Attendees	✚ Van Cong Le Ca ✚ Bui Duc Huy ✚ Hua Hoang Phuc ✚ Nguyen thanh Trung ✚ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			
➢ More specific analysis of AI and Location-Based Workflows discussed with previous teachers. ➢ Research the free version of AWS and look at paid options. ➢ Check the detected errors on the system after running online.			
Result Items			

➢ Required documents:
  ❖ Product Backlog
  ❖ Architecture Document
  ❖ Test Cases			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	28/03/2023	20:00	20:50
Attendees	➕ Van Cong Le Ca ➕ Bui Duc Huy ➕ Hua Hoang Phuc ➕ Nguyen thanh Trung ➕ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		

Content
- Declare the functions that have been - are - will do. (Summarize words for teachers).   - Report bugs using trello.   - Server rental: - Use temporary free version.   - The next time you meet, you will ask if you need a paid copy.   - Fixed group meeting schedule: - The format of the meeting will be to meet the teacher and then have a group meeting.   - Fixed at 20:30 every Thursday. (There will be additional group meetings during the week or change meetings if necessary)   - Next Thursday: The Backend team will report to you on the work done and have related questions.

Result Items
- Required documents: - Product Backlog   - Architecture Document   - Test Cases

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on skype		
Date and Time	*Date*	*Start Time*	*End Time*
	30/03/2023	20:35	21:15
Attendees	➕ Van Cong Le Ca ➕ Bui Duc Huy ➕ Hua Hoang Phuc ➕ Nguyen thanh Trung ➕ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			
➢ More specific analysis of AI and Location-Based Workflows discussed with previous teachers. ➢ Take into account the option of renting VPS. ➢ Check the detected errors on the system.			
Result Items			

➢ Required documents:
  ❖ Product Backlog
  ❖ Architecture Document
  ❖ Test Cases			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report, demo and idea clarification		
Location	Online on skype		
Date and Time	*Date*	*Start Time*	*End Time*
	06/04/2023	22:00	23:00
Attendees	✚ Van Cong Le Ca ✚ Bui Duc Huy ✚ Hua Hoang Phuc ✚ Nguyen thanh Trung ✚ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			
➢ Re-deploy the notice of the faculty meeting for those who could not attend that afternoon. ➢ Clarifying AI and location-based workflows. ➢ Notice about renting VPS server and guide other teams to change IP for the application. ➢ Review bugs			
Result Items			
➢ Required documents: ❖ Product Backlog ❖ Architecture Document ❖ Test Cases			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	11/04/2023	20:00	20:30
Attendees	♦ Van Cong Le Ca ♦ Bui Duc Huy ♦ Hua Hoang Phuc ♦ Nguyen thanh Trung ♦ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			
➢ Teams announce the functions that have been - are - will do. ➢ Divide and update related documents. ➢ Review bugs			
Result Items			
All Documents			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report, demo and idea clarification		
Location	Online on skype		
Date and Time	*Date*	*Start Time*	*End Time*
	13/04/2023	21:10	22:20
Attendees	➕ Van Cong Le Ca ➕ Bui Duc Huy ➕ Hua Hoang Phuc ➕ Nguyen thanh Trung ➕ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			
➢ Clarifying AI and location-based workflows: ❖ When making decisions, AI needs to synthesize information from craft villages and photos to be able to make the most accurate decisions. ➢ Unify how to generate/Data to train AI. ➢ Agree on the mobile application that will extract data from the image.			
Result Items			
➢ Required documents: ❖ Product Backlog ❖ Architecture Document ❖ Test Cases			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	15/04/2023	19:00	21:00
Attendees	♦ Van Cong Le Ca ♦ Bui Duc Huy ♦ Hua Hoang Phuc ♦ Nguyen thanh Trung ♦ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		

Content
➢ Teams announce the functions that have been - are - will do. ➢ Divide and update related documents. ➢ AI team presents AI training plan. ➢ Agree on the plan to get/create data for AI. ➢ Review bugs

Result Items
➢ Required documents: ❖ Product Backlog ❖ Architecture Document ❖ Test Cases

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	18/04/2023	20:00	20:30
Attendees	⬥ Van Cong Le Ca ⬥ Bui Duc Huy ⬥ Hua Hoang Phuc ⬥ Nguyen thanh Trung ⬥ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			
➢ Teams announce the functions that have been - are - will do. ➢ Divide and update related documents. ➢ AI team presents AI training plan. ➢ Review bugs			
Result Items			

➢ Required documents:
  ❖ Product Backlog
  ❖ Architecture Document
  ❖ Test Cases			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on skype		
Date and Time	*Date*	*Start Time*	*End Time*
	20/04/2023	21:30	22:30
Attendees	♦ Van Cong Le Ca ♦ Bui Duc Huy ♦ Hua Hoang Phuc ♦ Nguyen thanh Trung ♦ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			
➢ Teams announce the functions that have been - are - will do. ➢ Divide and update related documents. ➢ Update the progress of data creation and division of new tasks for the whole team. ➢ Review bugs			
Result Items			

➢ Required documents:
   ❖ Product Backlog
   ❖ Architecture Document
   ❖ Test Cases			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	22/04/2023	16:00	16:30
Attendees	♦ Van Cong Le Ca ♦ Bui Duc Huy ♦ Hua Hoang Phuc ♦ Nguyen thanh Trung ♦ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			

- ➢ Teams announce the functions that have been - are - will do.
- ➢ Divide and update related documents.
- ➢ Update the progress of data creation and division of new tasks for the whole team.
- ➢ Review bugs
- ➢ Prepare for the midterm review:
  - ❖ Documents
  - ❖ Source code
  - ❖ Laptop
  - ❖ Mobile Phone
  - ❖ Time and place of meeting

Result Items

All Documents

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	25/04/2023	20:00	20:30
Attendees	- Van Cong Le Ca - Bui Duc Huy - Hua Hoang Phuc - Nguyen thanh Trung - Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Plan, Test Cases		

Content

- ➢ Teams announce the functions that have been - are - will do.
- ➢ Divide and update related documents.
- ➢ Update the progress of data creation and division of new tasks for the whole team.
- ➢ Review bugs
- ➢ Deploy and re-evaluate the bad contents in the mid-term review:
  - ❖ Product backlog documentation
  - ❖ Test plan documentation.
  - ❖ Documentation of test cases.

Result Items

- ➢ Required documents:
  - ❖ Product Backlog
  - ❖ Architecture Document
  - ❖ Test Plan
  - ❖ Test Cases

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report and idea clarification		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	03/05/2023	13:00	13:30
Attendees	➕ Van Cong Le Ca ➕ Bui Duc Huy ➕ Hua Hoang Phuc ➕ Nguyen thanh Trung ➕ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			
➢ Teams announce the functions that have been - are - will do. ➢ Divide and update related documents. ➢ Review bugs ➢ Algorithm update and workflow reassessment for AI and LSB.			
Result Items			
➢ Required documents: ❖ Product Backlog ❖ Architecture Document ❖ Test Cases			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	04/05/2023	21:15	22:00
Attendees	➕ Van Cong Le Ca ➕ Bui Duc Huy ➕ Hua Hoang Phuc ➕ Nguyen thanh Trung ➕ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			
➢ Teams announce the functions that have been - are - will do. ➢ Divide and update related documents. ➢ Review bugs ➢ Updated datasets for AI training and data processing.			
Result Items			
➢ Required documents: ❖ Product Backlog ❖ Architecture Document ❖ Test Cases			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	06/05/2023	19:00	19:30
Attendees	- Van Cong Le Ca - Bui Duc Huy - Hua Hoang Phuc - Nguyen thanh Trung - Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			
- Teams announce the functions that have been - are - will do. - Divide and update related documents. - Review bugs.			
Result Items			
- Required documents: - Product Backlog - Architecture Document - Test Cases			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report		
Location	Online on skype		
Date and Time	*Date*	*Start Time*	*End Time*
	08/05/2023	21:00	22:15
Attendees	♦ Van Cong Le Ca ♦ Bui Duc Huy ♦ Hua Hoang Phuc ♦ Nguyen thanh Trung ♦ Huynh Ba Nhan		
Related documents	Product Backlog, Architecture Document, Test Cases		
Content			

- ➢ Teams announce the functions that have been - are - will do.
- ➢ Divide and update related documents.
- ➢ Review bugs.

Result Items

- ➢ Required documents:
  - ❖ Product Backlog
  - ❖ Architecture Document
  - ❖ Test Cases

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	10/05/2023	19:00	19:30
Attendees	➕ Van Cong Le Ca ➕ Bui Duc Huy ➕ Hua Hoang Phuc ➕ Nguyen thanh Trung ➕ Huynh Ba Nhan		
Related documents	All Documents		
Content			
- Teams announce the functions that have been - are - will do. - Divide and update related documents. - Review bugs.			
Result Items			
All Documents			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Report		
Location	Online on Facebook		
Date and Time	*Date*	*Start Time*	*End Time*
	12/05/2023	19:00	19:30
Attendees	♦ Van Cong Le Ca ♦ Bui Duc Huy ♦ Hua Hoang Phuc ♦ Nguyen thanh Trung ♦ Huynh Ba Nhan		
Related documents	All Documents		
Content			
➢ Teams announce the functions that have been - are - will do. ➢ Divide and update related documents. ➢ Review bugs.			
Result Items			
All Documents			

Meeting Information			
Product	Craft Village Pollution Monitor System		
Subject	Emergency meeting		
Location	Online on skype		
Date and Time	*Date*	*Start Time*	*End Time*
	15/05/2023	20:50	21:40
Attendees	- Van Cong Le Ca - Bui Duc Huy - Hua Hoang Phuc - Nguyen thanh Trung - Huynh Ba Nhan		
Related documents	All Documents		
Content			
- Teams announce the functions that have been - are - will do. - Divide and update related documents. - Handle conflict survey with household. - Review bugs.			
Result Items			
All Documents			