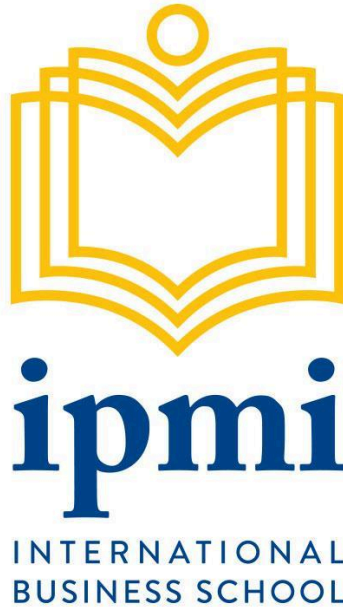


**MITIGATING FLOOD RISKS THROUGH VEGETABLE CROP  
PLANTATION IN RAWAJATI DISTRICT**



**CIP  
( Community Involvement Project )**

**By :**

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**SEKOLAH TINGGI MANAJEMEN IPMI  
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## CERTIFICATE OF APPROVAL

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Topic : Mitigating Flood Risks Through Vegetable Crop Plantation in Rawajati District

We hereby declare that CIP (Community) is from student's own work, has been read and presented to Sekolah Tinggi Manajemen IPMI Board of Examiners, and has been accepted as part of the requirements needed to obtain a Bachelor of Management Degree and has been found to be satisfactory.

Jakarta, January 31, 2024

Examined by,



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Dr. Amelia Naim

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Prof.Dr. Ir. Dedi Fardiaz, M.Sc  
Vice Rector of Academic and Student Affairs

# NON-PLAGIARISM DECLARATION FORM

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Also, this work is being submitted in partial fulfillment of the requirements for the degree of Bachelor of Management Program and has not previously been accepted in substance for any degree and is not being concurrently submitted in candidature for any degree.

Jakarta, January 31, 2024



[Ahmad Raihan Fauzan]



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## **ABSTRACT**

Every year IPMI carries out CIP specifically for 7th semester students, CIP is a community involvement project where students have to carry out projects related to the community, which aims to help the community. At this time, our group consists of three people: Ahmad Raihan Fauzan, Kemal Murtadha, and Fajar Rigan Agachi are running the community involvement project that is located near IPMI Campus, that is in Rawajati District.

# **CHAPTER 1**

## **INTRODUCTION**

Rawajati district grapples with the constant threat of flooding, necessitating innovative solutions. This report documents a Community Involvement Project (CIP) undertaken by three IPMI International Business School students - Kemal, Fauzan, and Fajar. The project focused on planting vegetable crops as a means of flood prevention in collaboration with Mr. Avoy, the local agricultural expert and head of RT3.

### **1.1 COMMUNITY BACKGROUND**

We are final grade students from IPMI Business School, and want to make a contribution especially in Rawajati District by conducting mitigating flood risk through vegetable crop plantation and also conducting collecting funds to help local people in aiming to help them in developing their plantation.

### **1.2 PROJECT BACKGROUND**

The project background of this CIP's Project is to recognize the potential sector especially in Rawajati District that we can develop to get the benefit. We are make some discussion with Mr. Afoy as head RT of that area, introduces to us about their location that can be planted, and also what kind of seeds can be planted on that area

### **1.3 PROBLEM BACKGROUND**

In conducting the CIP's Project, we have some problems that faced by Mr. Afoy, such as the field was filled with trash and also the water and fertilizer is very minimal. So we make some penetration action to solve that problem.

## CHAPTER 2

### METHODS

While the initial plan included community engagement and participation, the project took a slightly different direction due to logistical constraints. The methods implemented are outlined as follows:

- Collaboration with Mr. Avoy: Mr. Avoy, a local agricultural expert, played a pivotal role in the project. His expertise guided the students in selecting suitable crops and strategically identifying areas for plantation.
- Vegetable Crop Selection: Based on Mr. Avoy's recommendations, the students carefully selected vegetable crops known for their ability to enhance soil permeability and mitigate flooding risks.
- Plantation Process: The students, under Mr. Avoy's guidance, implemented the planting process. This involved preparing the soil, planting the crops, and ensuring proper maintenance for optimal growth.

#### 2.1 FINANCIAL PLAN

Before we take action to make what we planned before becoming a positive impact in the local area, each of us collects around 300.000 rupiah each person. So we consist of three persone, the money that we can collect is approximately around 900.000 rupiah.

From that money, we buy the stuff and also fertilizer. So the explanation below this :

NAME	AMOUNT	EXPLANATION
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Fertilizer	500.000	The basic thing to plant the seeds
Planting Pot	200.000	The place to put the seeds
Others Cost	200.000	Such as transportation, cost of delivery, and also plastic plantation

So, the total cost that we collect is 900.000 and all that cost was the same as what we expect to run our program in Rawajati District.

## **CHAPTER 3**

### **TIMELINE**

So to keep our program running as well as we expect, we make a timeline to put it on track.

- 13 October 2023

We come to Rawajati to meet with Mr. Afoy to talk about the condition, the problem, and make some way about how to solve the problem

- 23 October 2023

We come back to Rawajati to do plantation and also to make action in field and also what supervized by Mr. Afoy

- 07 December 2023

We presentated in front of Dr. Amelia Naim Indrajaya and also Mr. Afoy to report about what we have done in Rawajati District in terms of conducting CIP's Project

## **CHAPTER 4**

### **RESULTS AND DISCUSSION**

Despite the deviation from the initial community engagement plan, the project yielded noteworthy results:

- **Successful Crop Growth:** The selected vegetable crops exhibited robust growth, showcasing the viability of the chosen flood prevention method.
- **Mr. Avoy's Monitoring:** Mr. Avoy actively monitored the plantation process, ensuring that best practices were followed for maximum effectiveness.
- **Logistical Constraints:** The absence of a community awareness campaign and resident participation was a limitation, primarily due to unforeseen logistical constraints.

## **CHAPTER 5**

### **CONCLUSION AND RECOMMENDATION**

In conclusion, the Community Involvement Project conducted by Kemal, Fauzan, and Fajar, in collaboration with Mr. Avoy, effectively addressed flooding risks through vegetable crop plantation. While the original plan of community engagement faced challenges, the collaboration with Mr. Avoy ensured the successful implementation of the project.

Recommendations for Future Actions:

1. Logistical Constraints: The absence of a community awareness campaign and resident participation was a limitation, primarily due to unforeseen logistical constraints.
2. Expanded Collaboration: Strengthen collaboration with local experts like Mr. Avoy while exploring avenues to engage the community actively.
3. Adaptive Planning: Recognize the importance of adaptability in project planning to address unforeseen challenges and ensure the successful implementation of community-driven initiatives.

By incorporating these recommendations, future projects can strike a balance between community involvement and expert guidance, maximizing the impact of flood prevention efforts in vulnerable areas like Rawajati district.



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Jakarta, January 31, 2024

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