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# Agricultural Information System

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## Report on Class and collaboration Diagram



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CSE 308  
Group 4 B1

# Contents

Preface .....	4
Farmer Account Management.....	5
<b>Use case diagram</b> .....	5
<b>Farmer registration: Noun Identification</b> .....	6
<b>Farmer registration: Entity</b> .....	6
<b>Farmer Registration : Collaboration Diagram</b> .....	7
<b>Farmer registration: Class Diagram</b> .....	8
<b>Agent registration</b> .....	9
<b>Agent registration: Noun Identification</b> .....	9
<b>Agent Registration : Entity</b> .....	10
<b>Agent Registration : Collaboration Diagram</b> .....	10
.....	10
<b>Agent Registration : Class Diagram</b> .....	11
<b>Farmer Info Update</b> .....	12
<b>Farmer Info Update : Noun Identification</b> .....	12
<b>Actor Action</b> .....	12
<b>(Farmer, Agent)</b> .....	12
<b>System Response</b> .....	12
<b>Farmer Info Update : Entity</b> .....	12
<b>Farmer Info Update :</b> .....	13
<b>Collaboration Diagram</b> .....	13
<b>Farmer Info Update : Class Diagram</b> .....	14
.....	14
<b>Agro Based Info</b> .....	15
<b>Use case diagram</b> .....	15
<b>Upload Agro Info : Collaboration Diagram</b> .....	16
.....	16
<b>Upload agro Info: Class Diagram</b> .....	17
.....	17

<b>Update Agro Info : Collaboration Diagram .....</b>	<b>18</b>
.....	18
<b>Update Agro Info : Class Diagram .....</b>	<b>19</b>
.....	19
<b>Access Info : Collaboration Diagram .....</b>	<b>20</b>
.....	20
<b>Access Agro Info : .....</b>	<b>21</b>
<b>Class Diagram .....</b>	<b>21</b>
.....	21
<b>Experts Solution .....</b>	<b>22</b>
<b>Experts Registration : .....</b>	<b>22</b>
<b>Collaboration Diagram .....</b>	<b>22</b>
.....	22
<b>Form District Team : .....</b>	<b>23</b>
<b>Class Diagram .....</b>	<b>23</b>
.....	23
<b>Question and Answer : .....</b>	<b>24</b>
<b>Collaboration Diagram .....</b>	<b>24</b>
.....	24
<b>Form Divisional Team: .....</b>	<b>25</b>
<b>Class Diagram .....</b>	<b>25</b>
.....	25
<b>Weather Update.....</b>	<b>26</b>
<b>Weather Forecast and info : .....</b>	<b>26</b>
<b>Collaboration Diagram .....</b>	<b>26</b>
.....	26
<b>Weather Forecast : .....</b>	<b>27</b>
<b>Class Diagram .....</b>	<b>27</b>
.....	27
<b>Weather Effective Harvesting : .....</b>	<b>28</b>
<b>Collaboration Diagram .....</b>	<b>28</b>

.....	28
<b>Weather Effective Harvesting : Class Diagram .....</b>	<b>29</b>
.....	29

## Preface

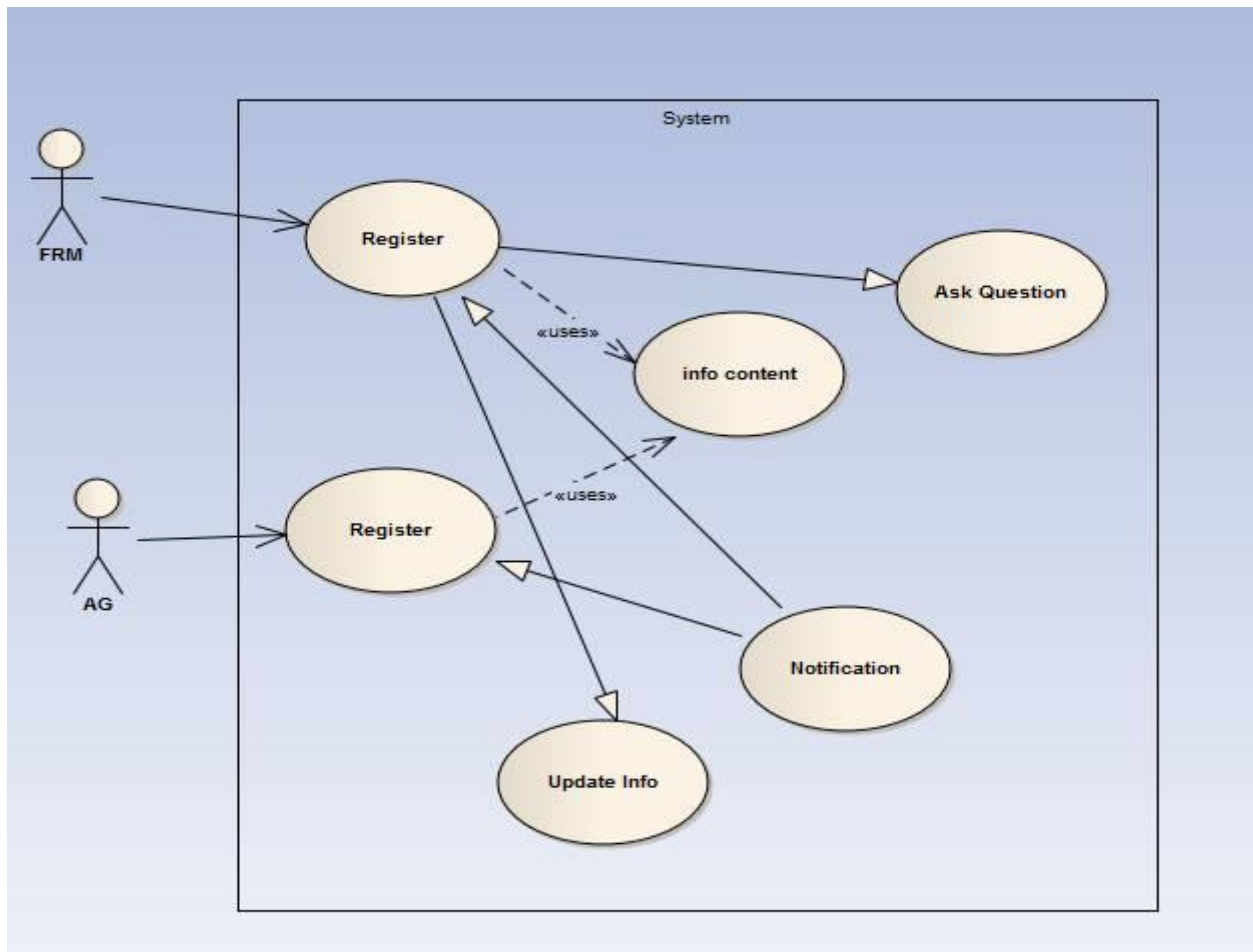
Our project of AIS (Agricultural Information System) has 4 subsystems.

1. Farmer Account Management
2. Agro-based Info
3. Experts' Solution
4. Weather Update

We shall discuss the collaboration diagram and class diagram of these systems.

# Farmer Account Management

## Use case diagram



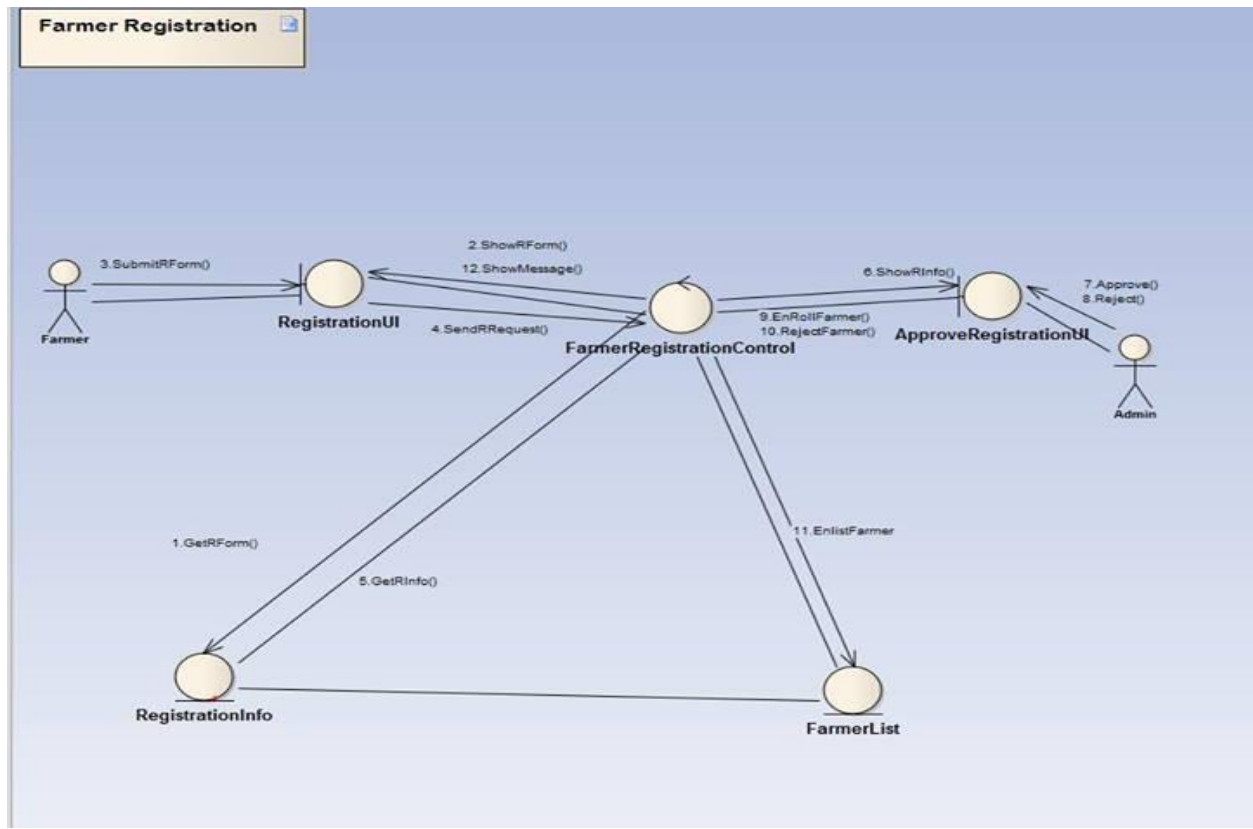
## Farmer registration: Noun Identification

Actor Action (Farmer, Agent)	System Response
1.none	2. Show registration Form
3. Submit registration form.	4. Send registration form to administrator
5. Administrator accepts or rejects the Registration request.	6. If accepts, then the system enrolls farmers info into database(farmers list and info). If rejects, then the system ignores it. By registering, each farmer have individual profile.
	7. Send acceptance/ decline message to Farmer

## Farmer registration: Entity

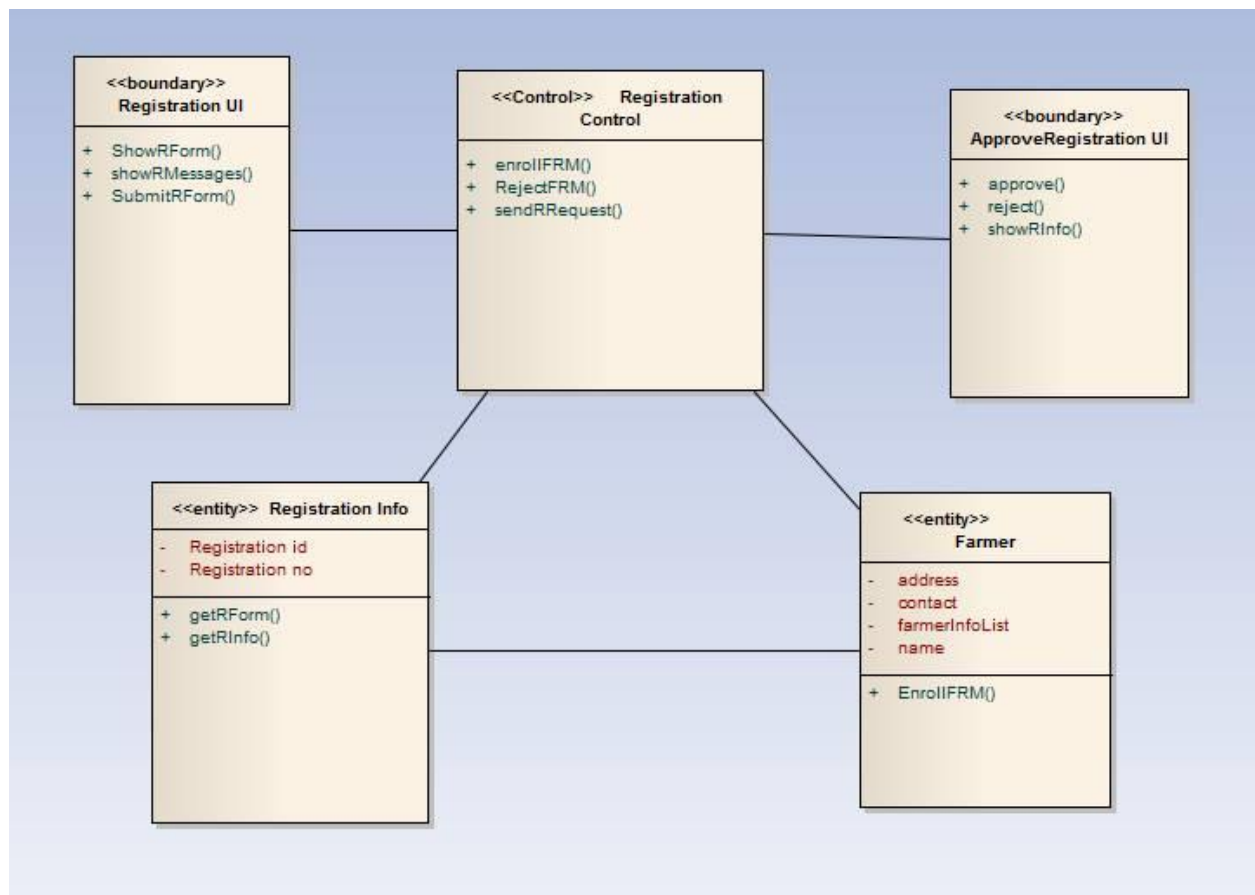
- i. FarmersInfoList
- ii. RegistrationInfo

## Farmer Registration: Collaboration Diagram





## Farmer registration: Class Diagram



## Agent registration

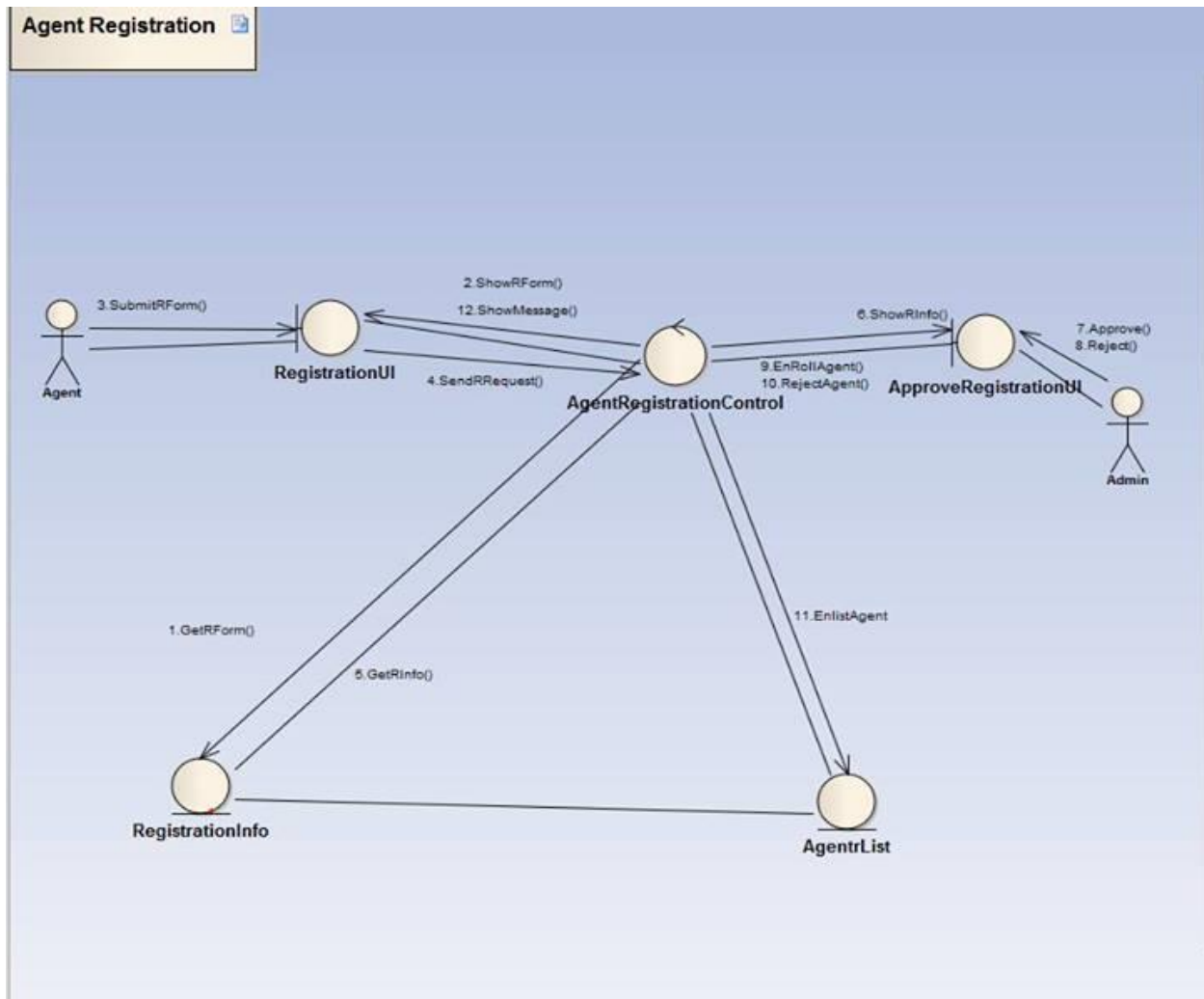
### Agent registration: Noun Identification

Actor Action (Agent)	System Response
1.none	2. Show registration Form
3. Submit registration form.	4. Send registration form to administrator
5. Administrator accepts or rejects the Registration request.	6. If accepts, then the system enrolls agents info into database(farmers list and under each AG and address in then the system ignores it. By registering, each agent ha profile.
	7. Send acceptance/ decline message to Farmer

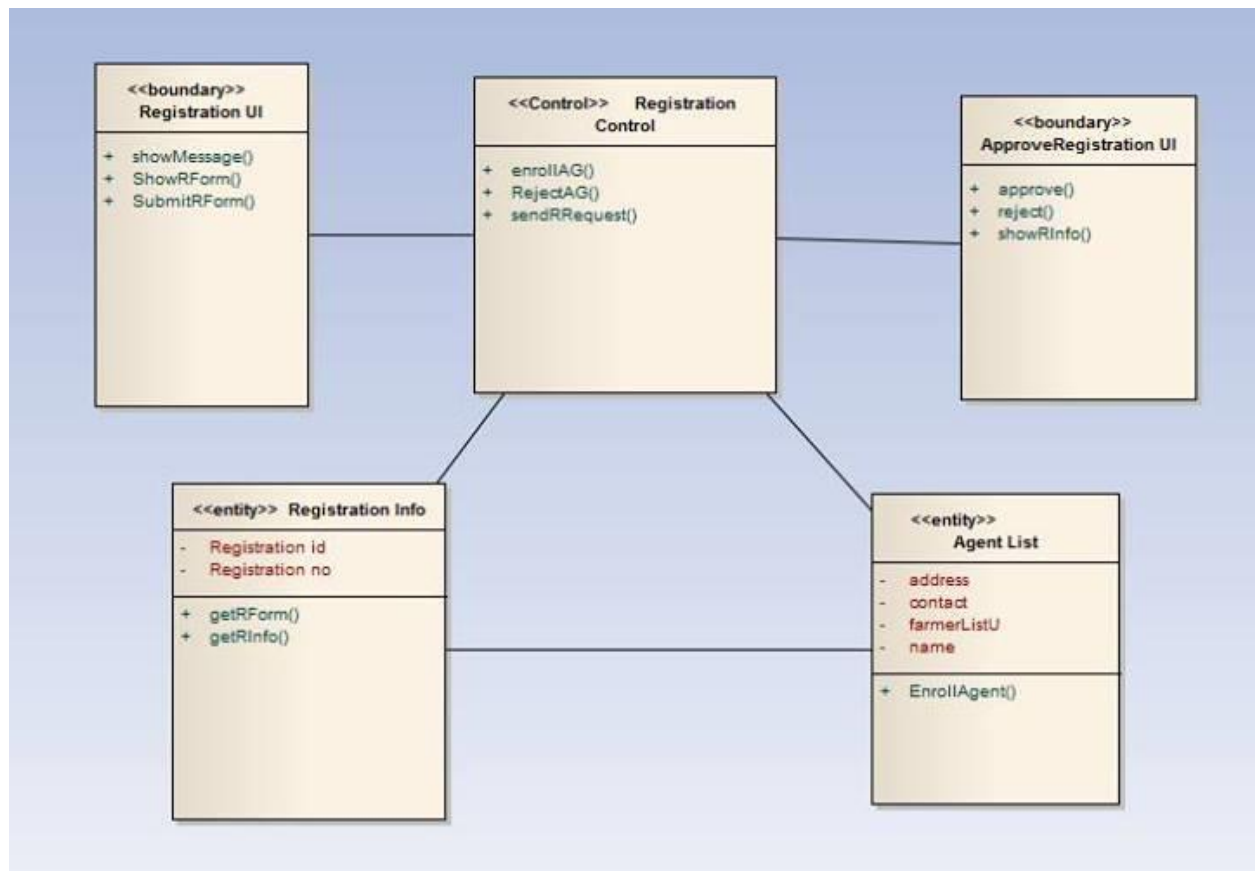
## Agent Registration: Entity

- i. AgentList
- ii. RegistrationInfo

## Agent Registration: Collaboration Diagram



## Agent Registration: Class Diagram



## Farmer Info Update

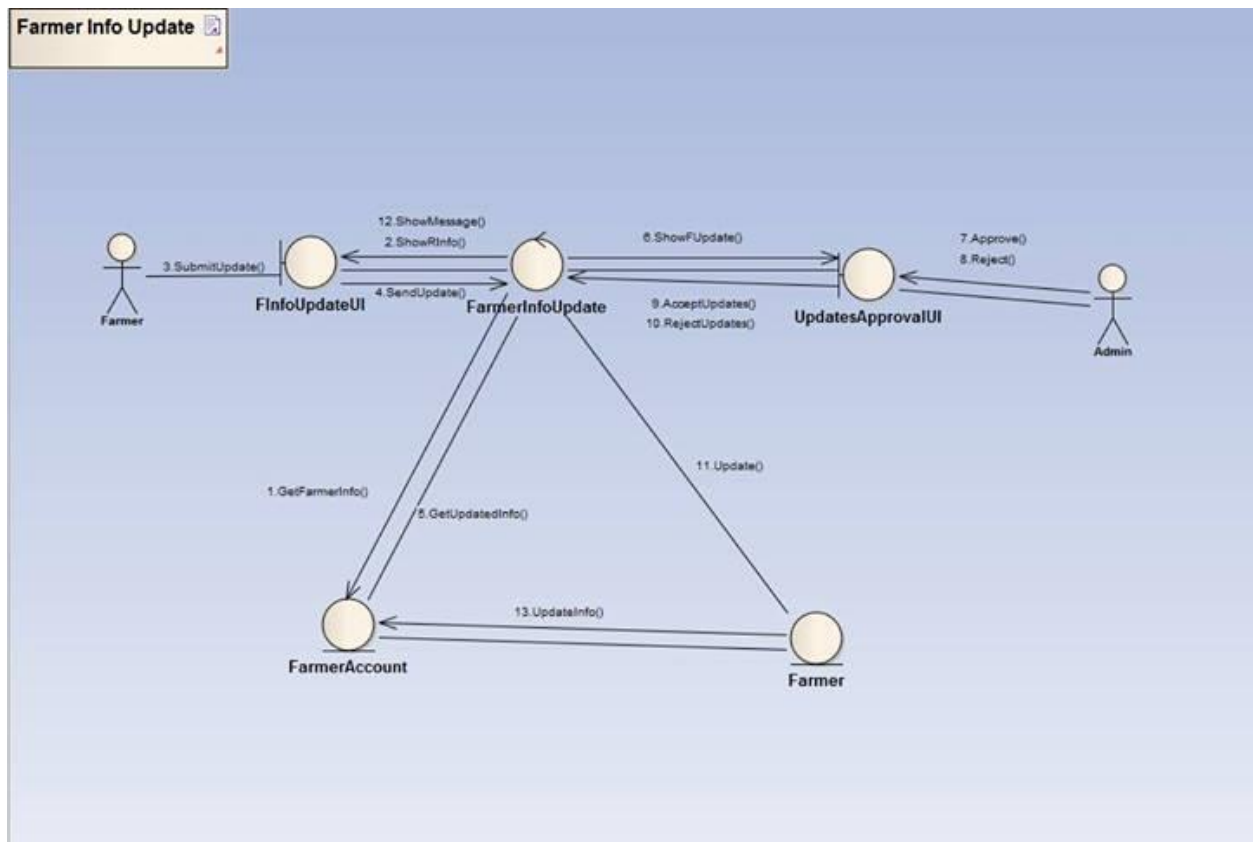
### Farmer Info Update: Noun Identification

Actor Action (Farmer, Agent)	System Response
1.none	2. Show profile and update form
3. Submit updates.	4. Send updates to FarmersInfoList And show updated info.

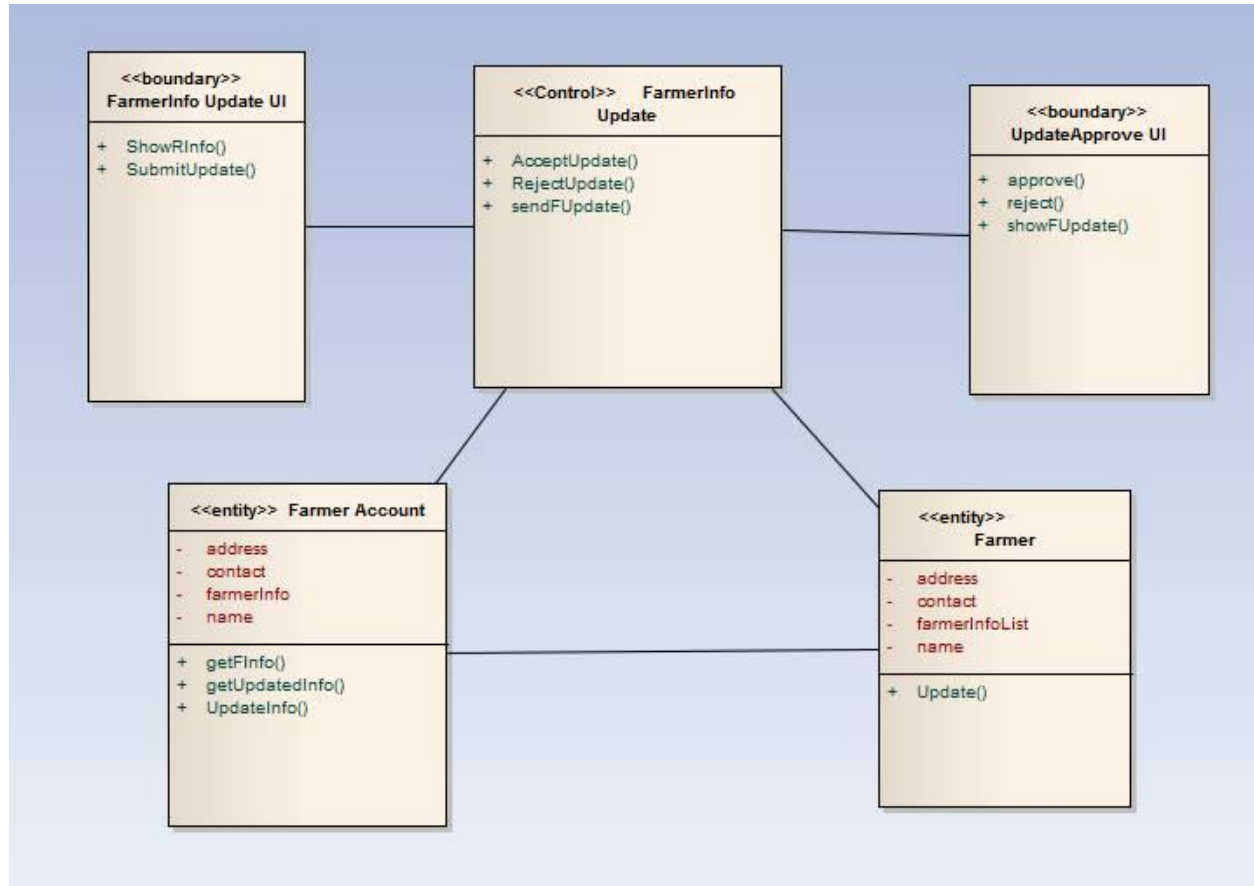
### Farmer Info Update: Entity

- i. Farmer
- ii. FarmerAccount

## Farmer Info Update: Collaboration Diagram



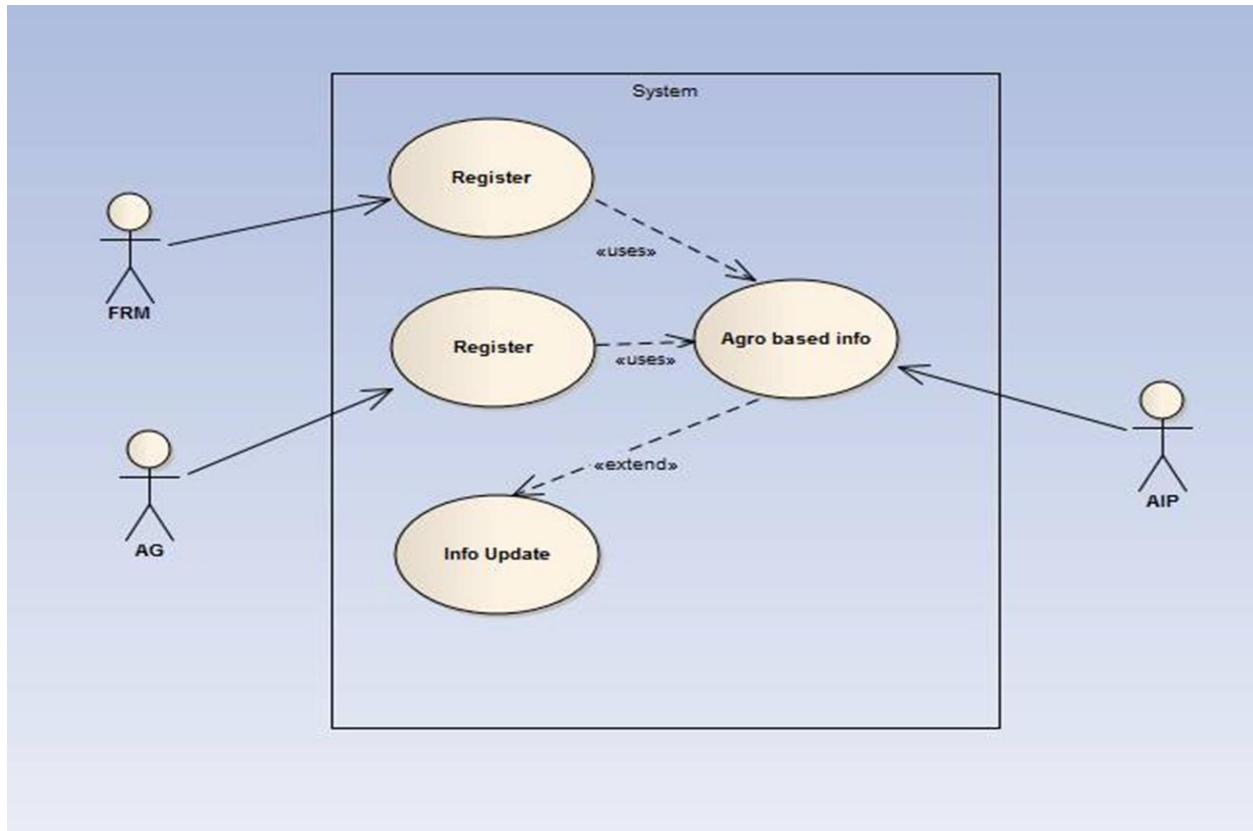
## Farmer Info Update : Class Diagram



## Agro Based Info

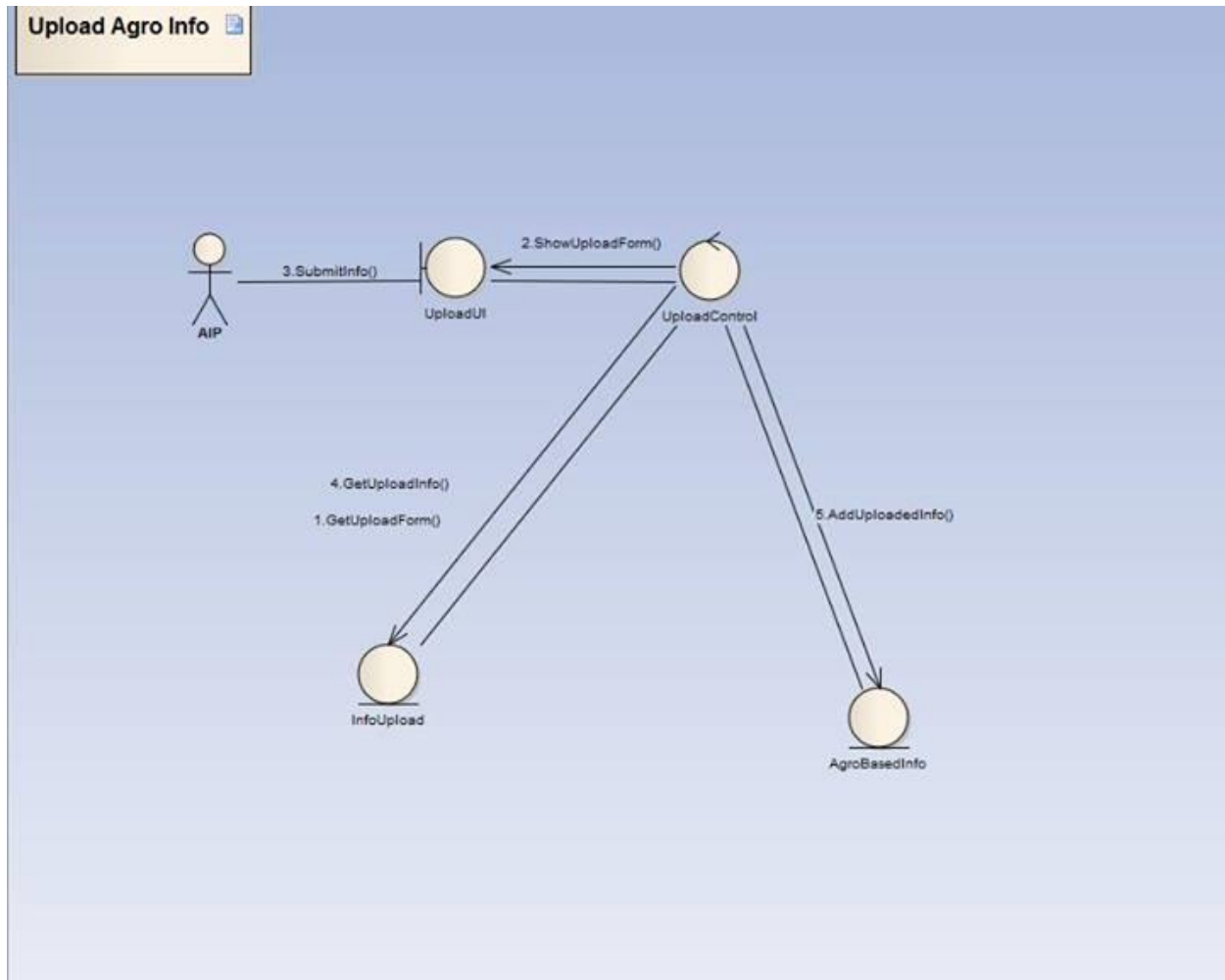
### Use case diagram

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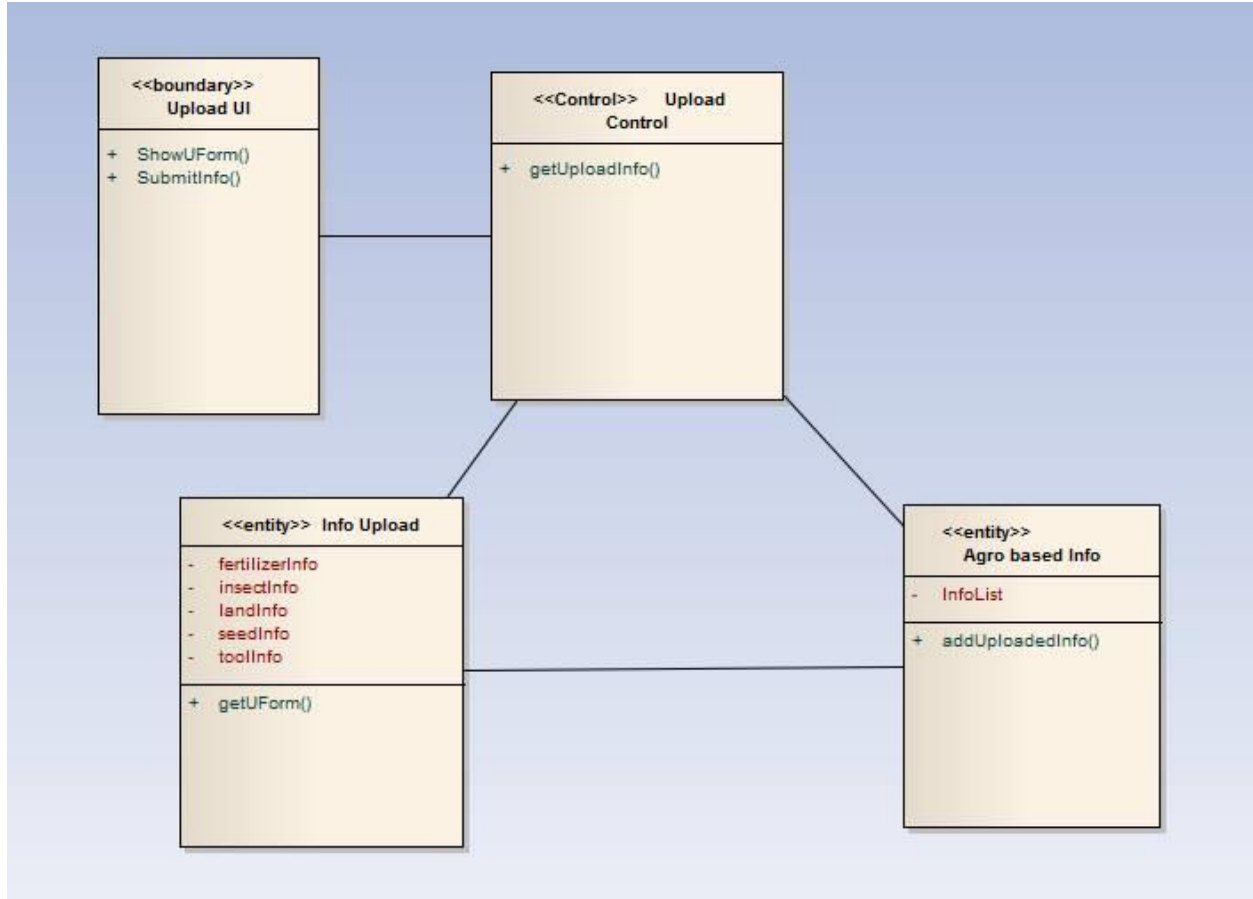




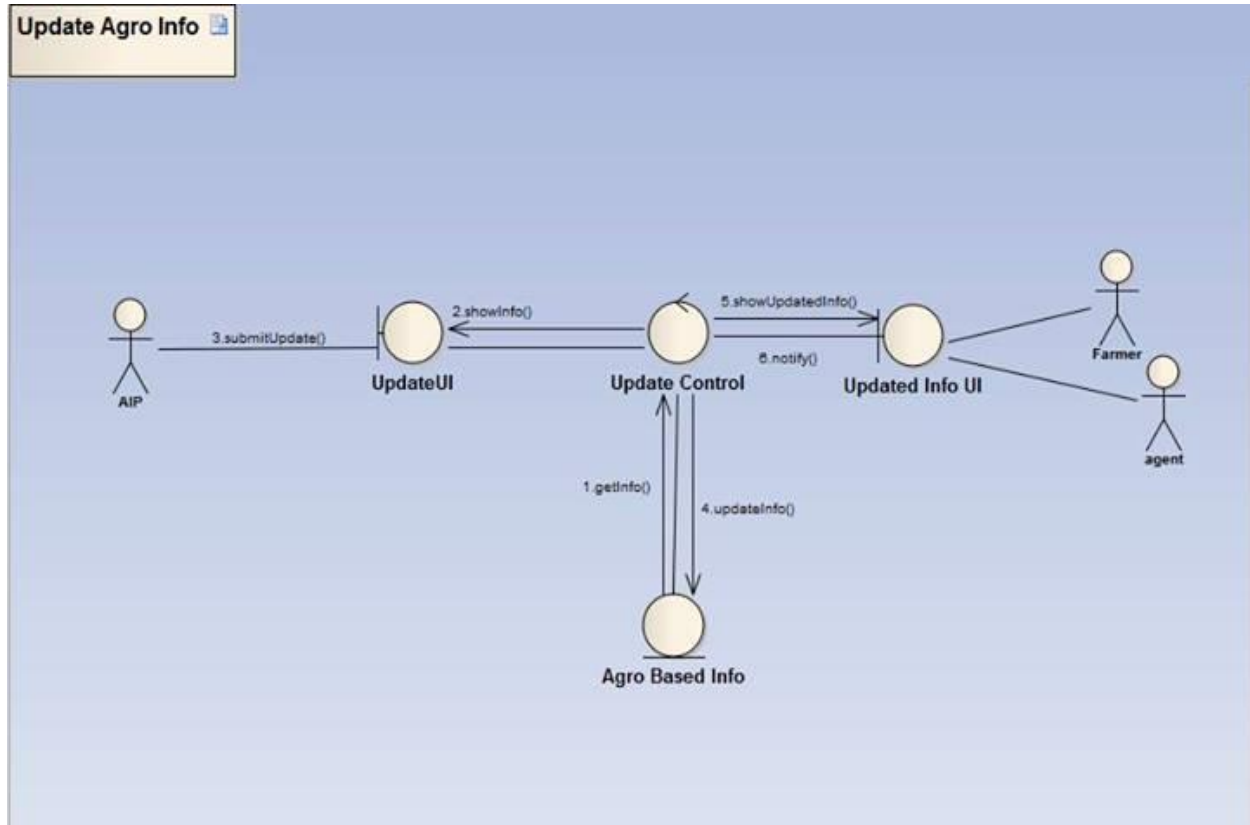
## Upload Agro Info: Collaboration Diagram



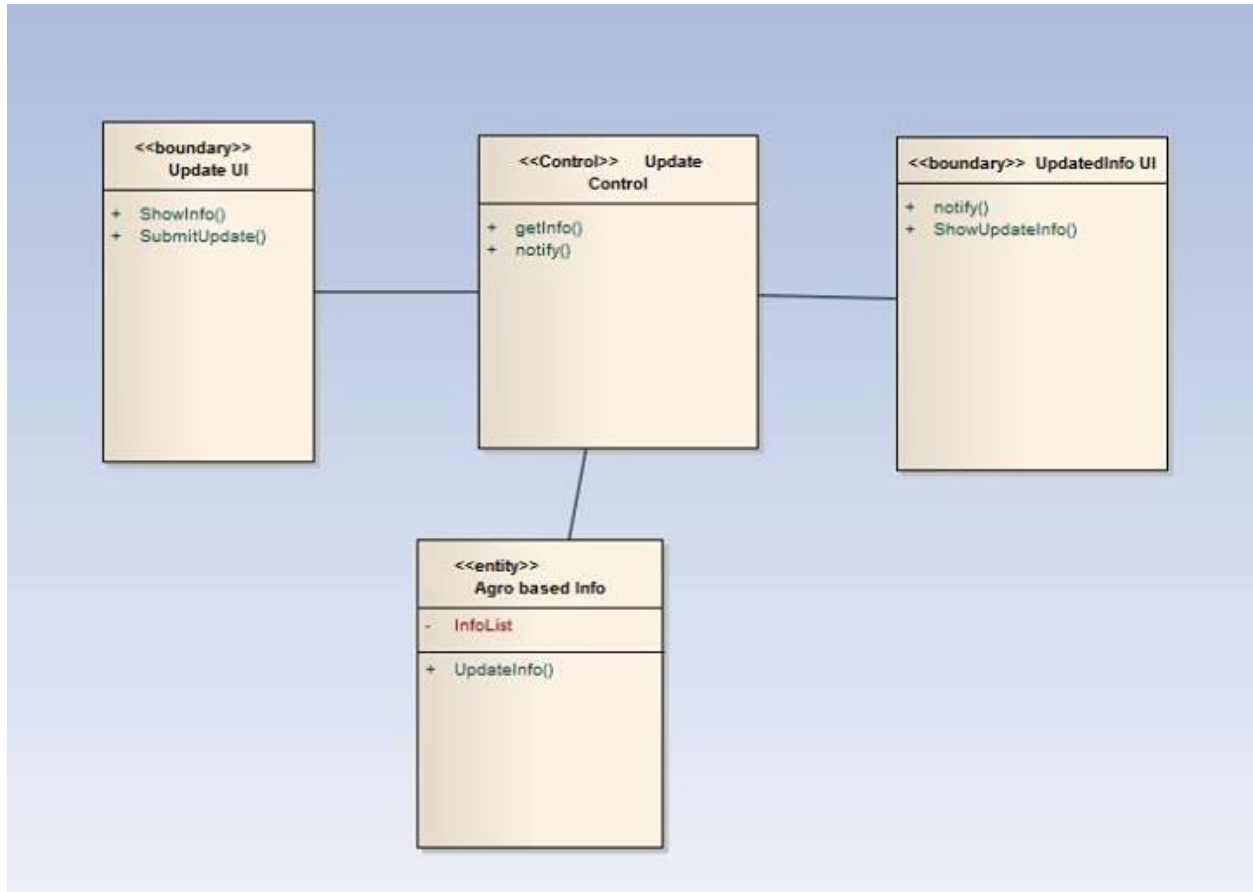
## Upload agro Info: Class Diagram



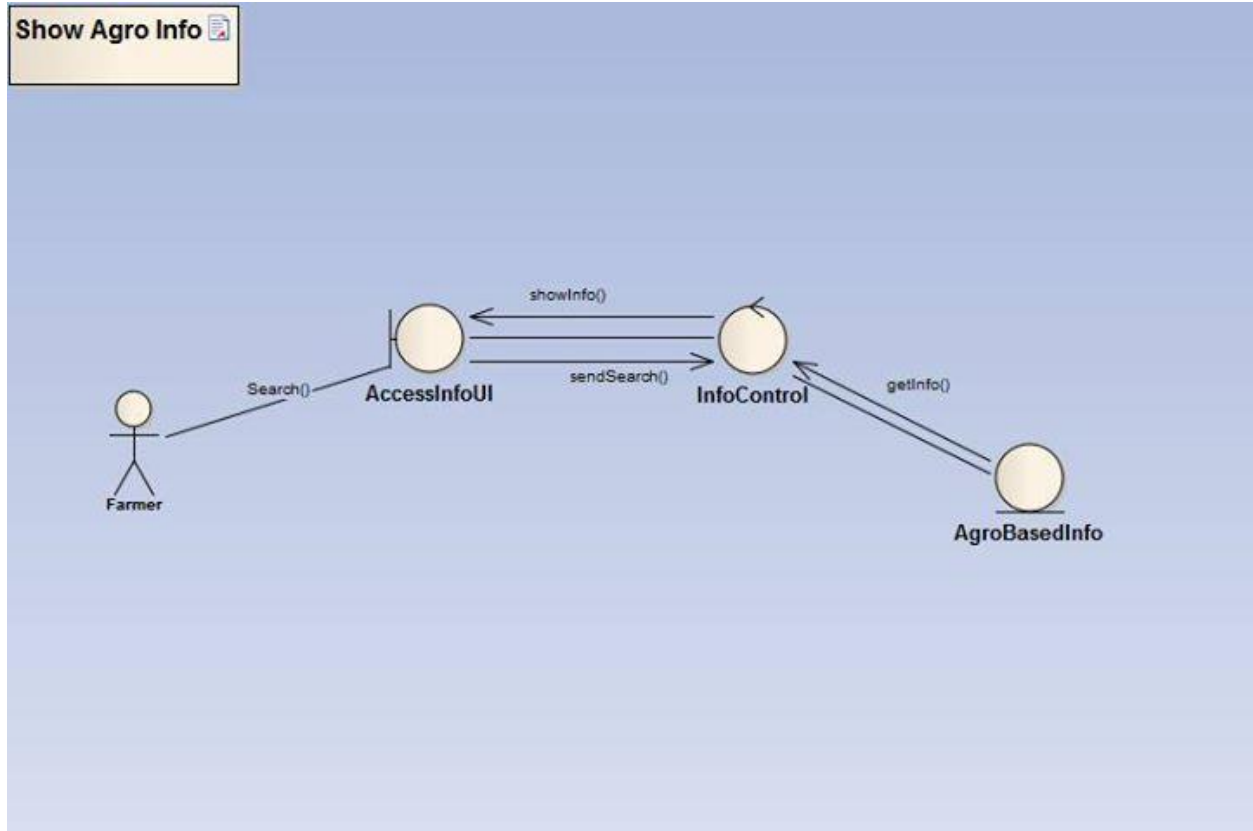
## Update Agro Info: Collaboration Diagram



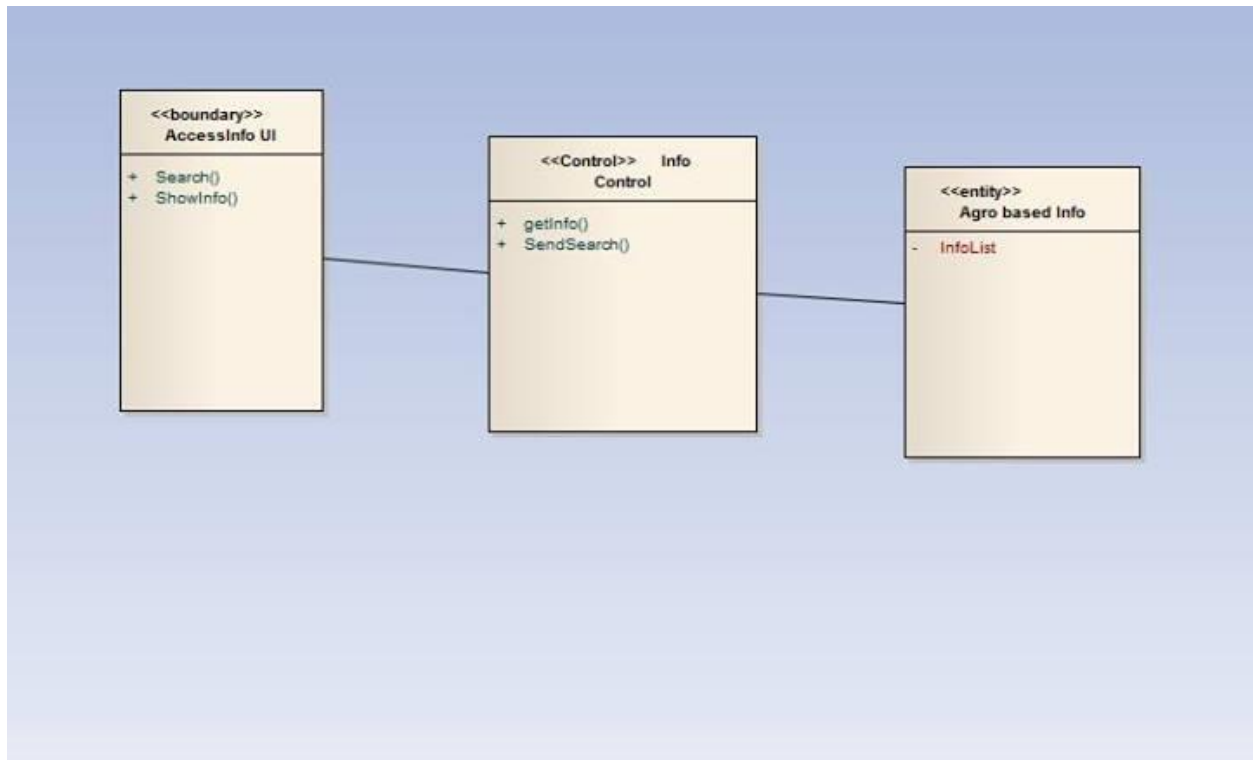
## Update Agro Info: Class Diagram



## Access Info: Collaboration Diagram

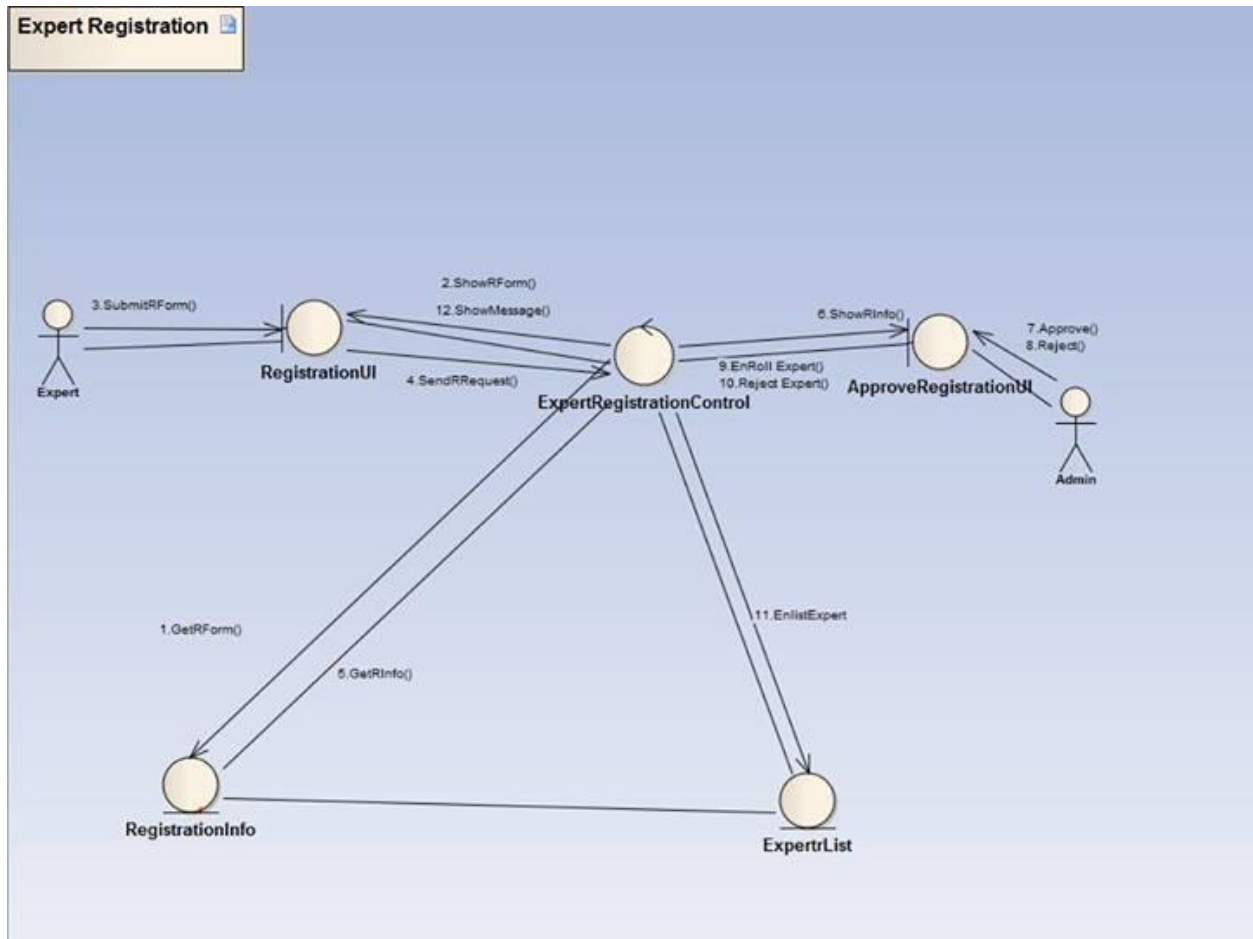


## Access Agro Info : Class Diagram



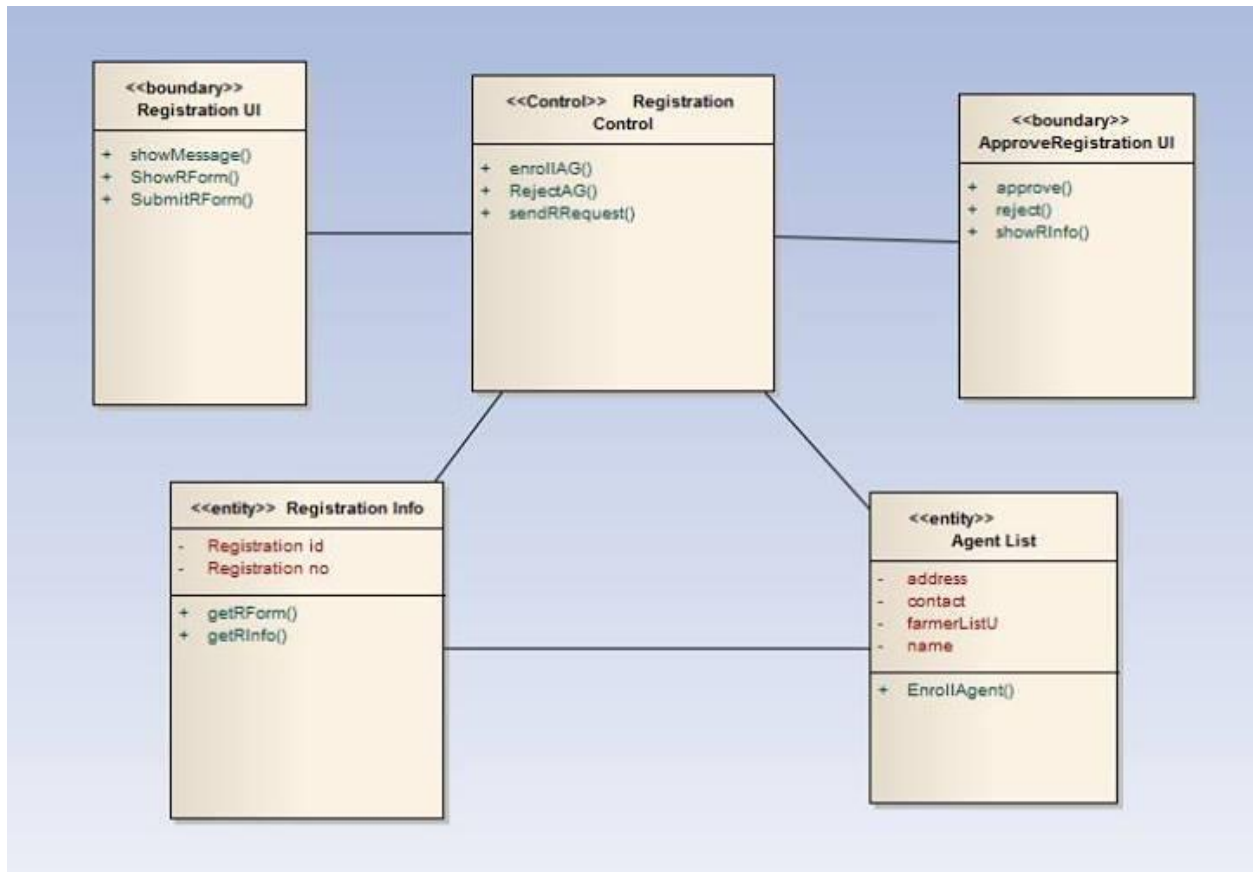
## Experts Solution

### Experts Registration : Collaboration Diagram



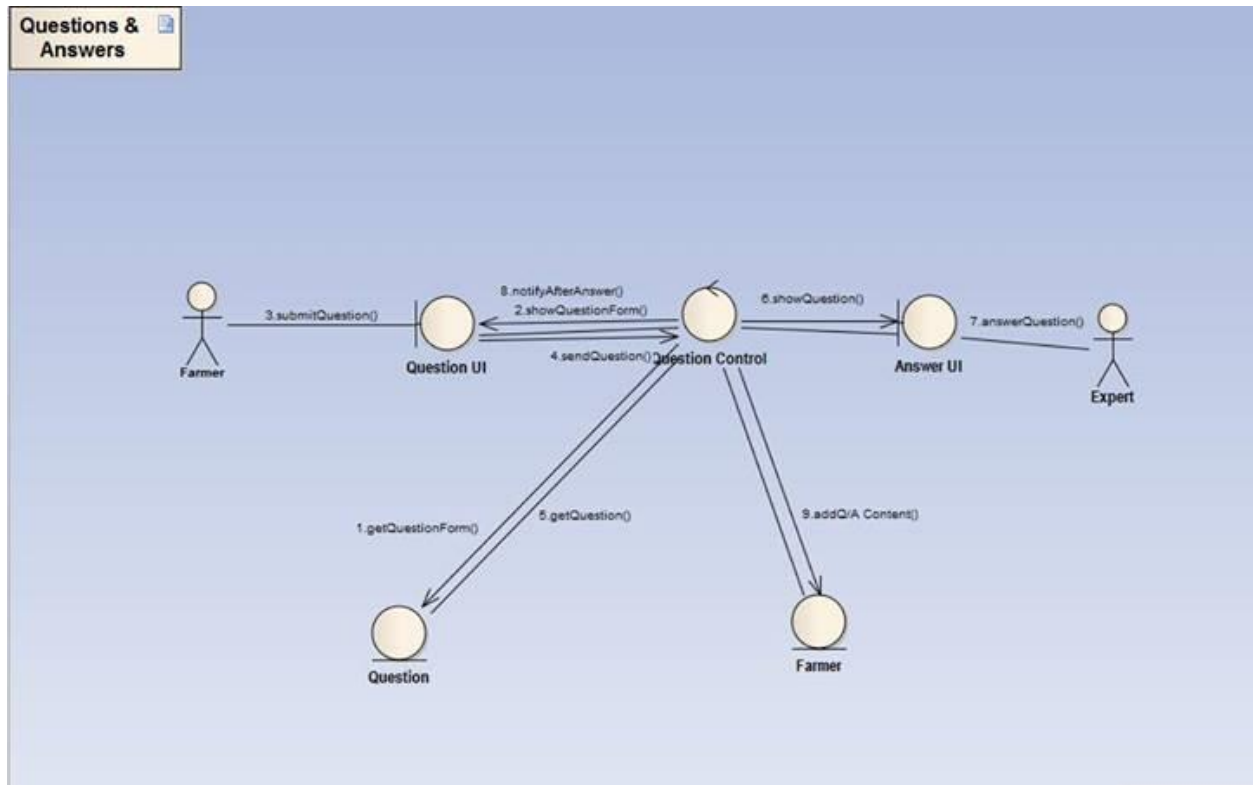
Form District Team :

Class Diagram

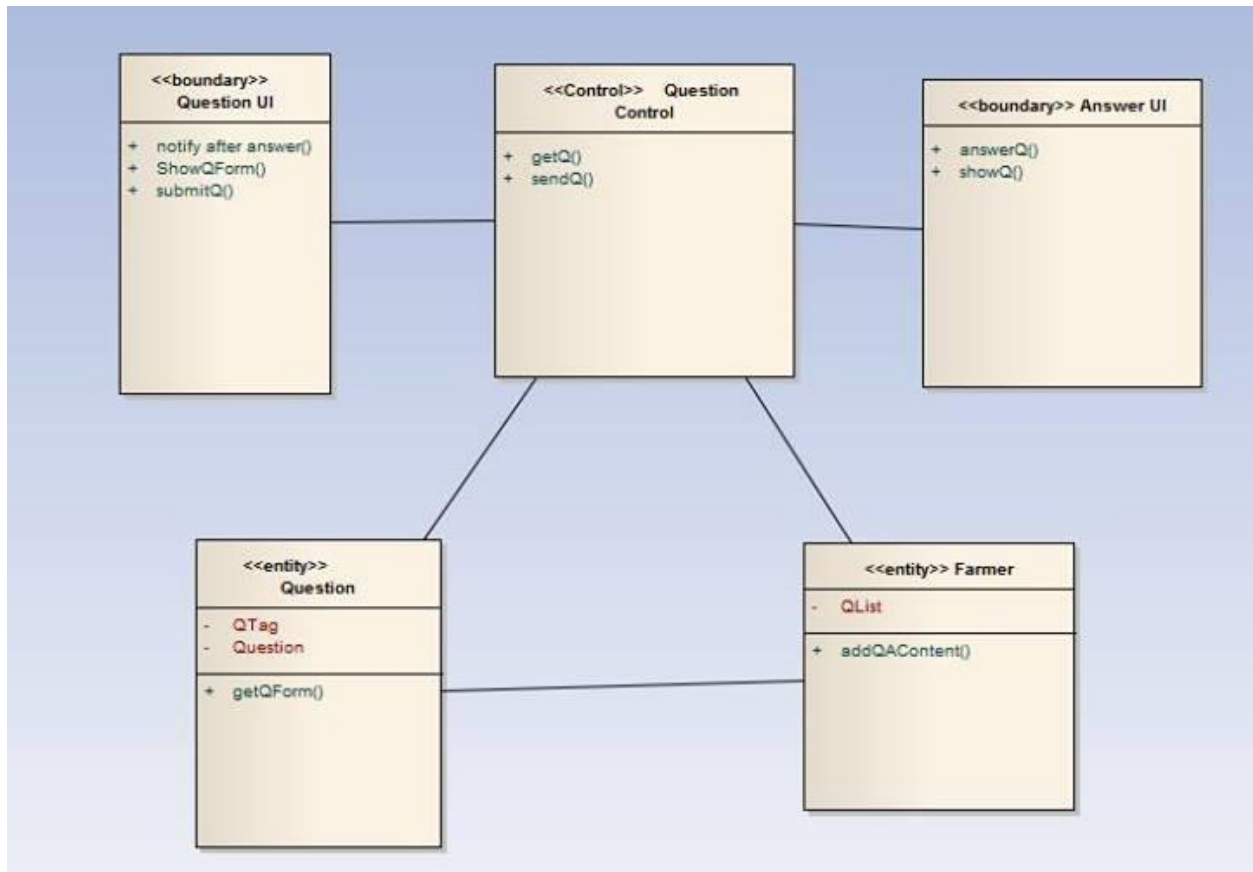




## Question and Answer : Collaboration Diagram



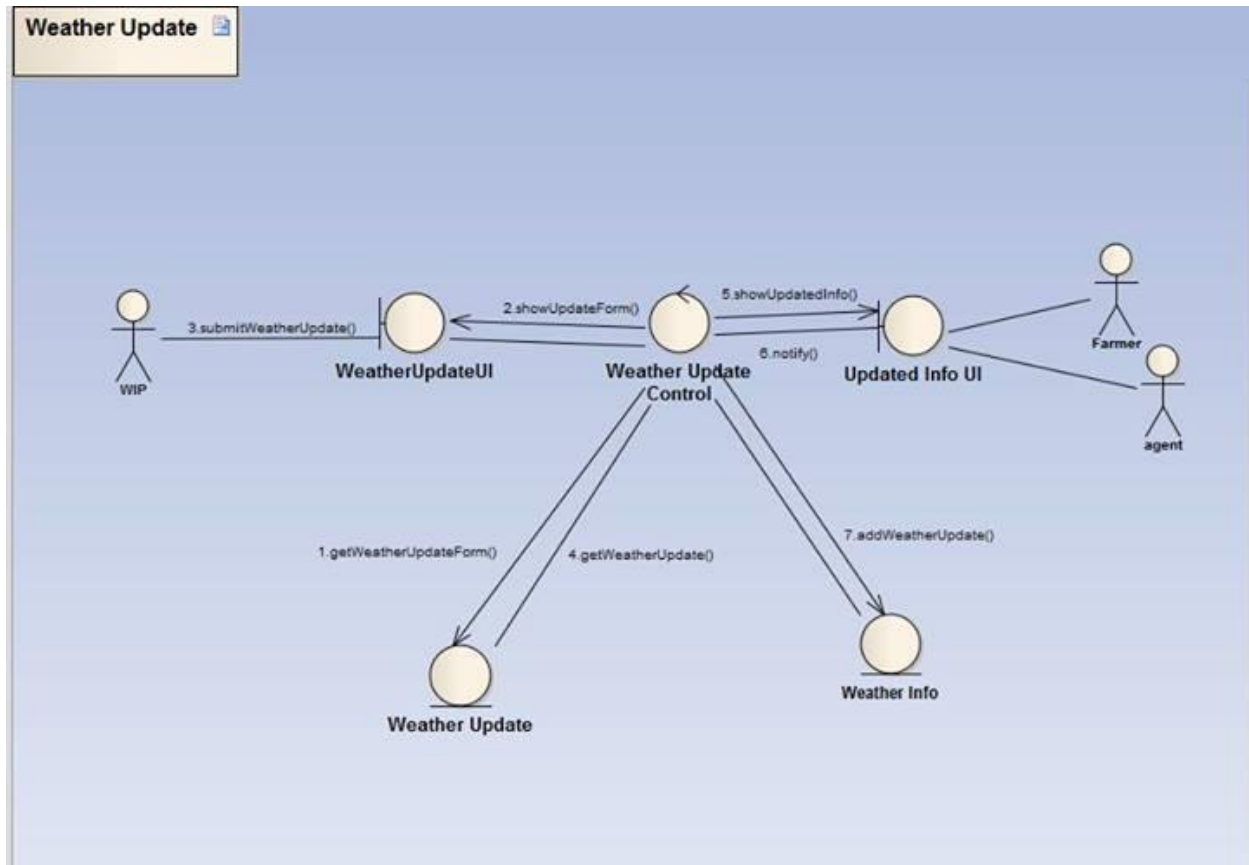
Form Divisional Team:  
Class Diagram



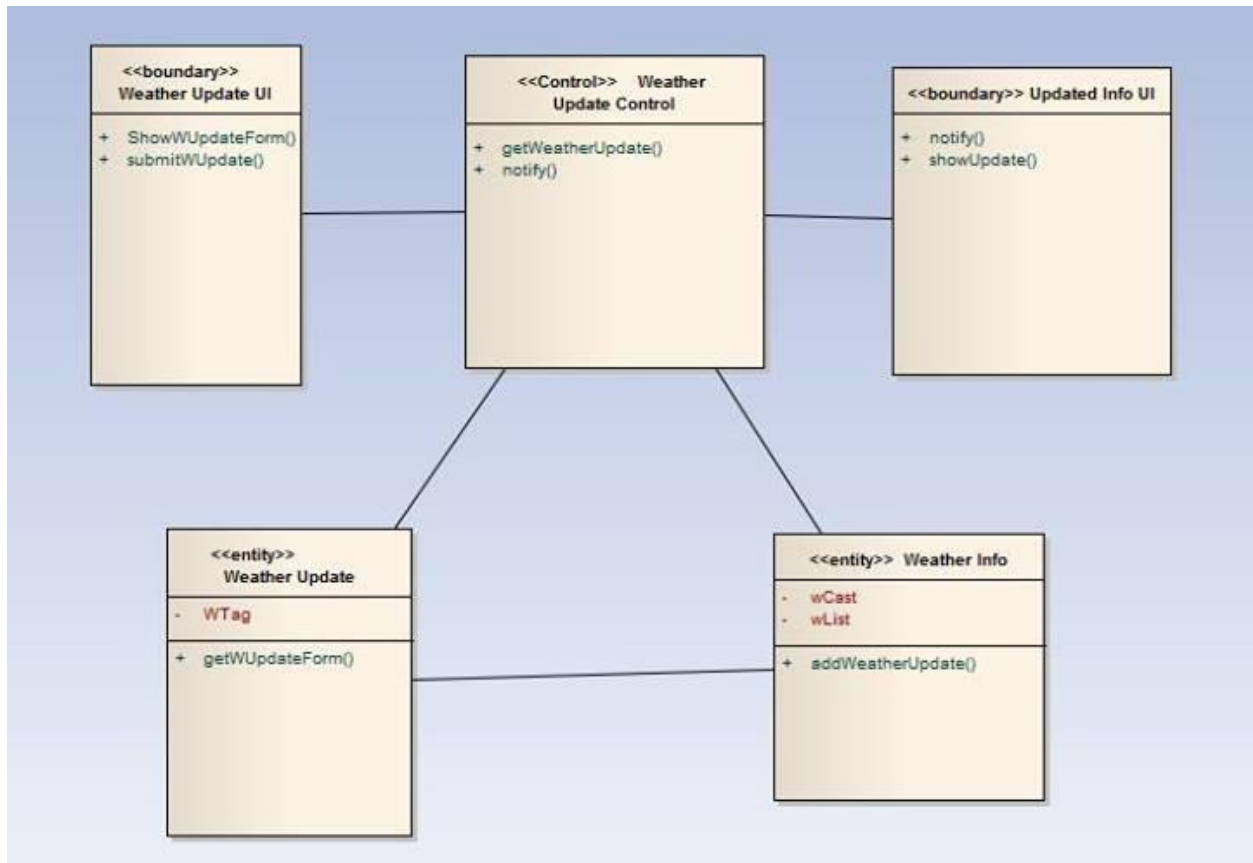
## Weather Update

Weather Forecast and info :

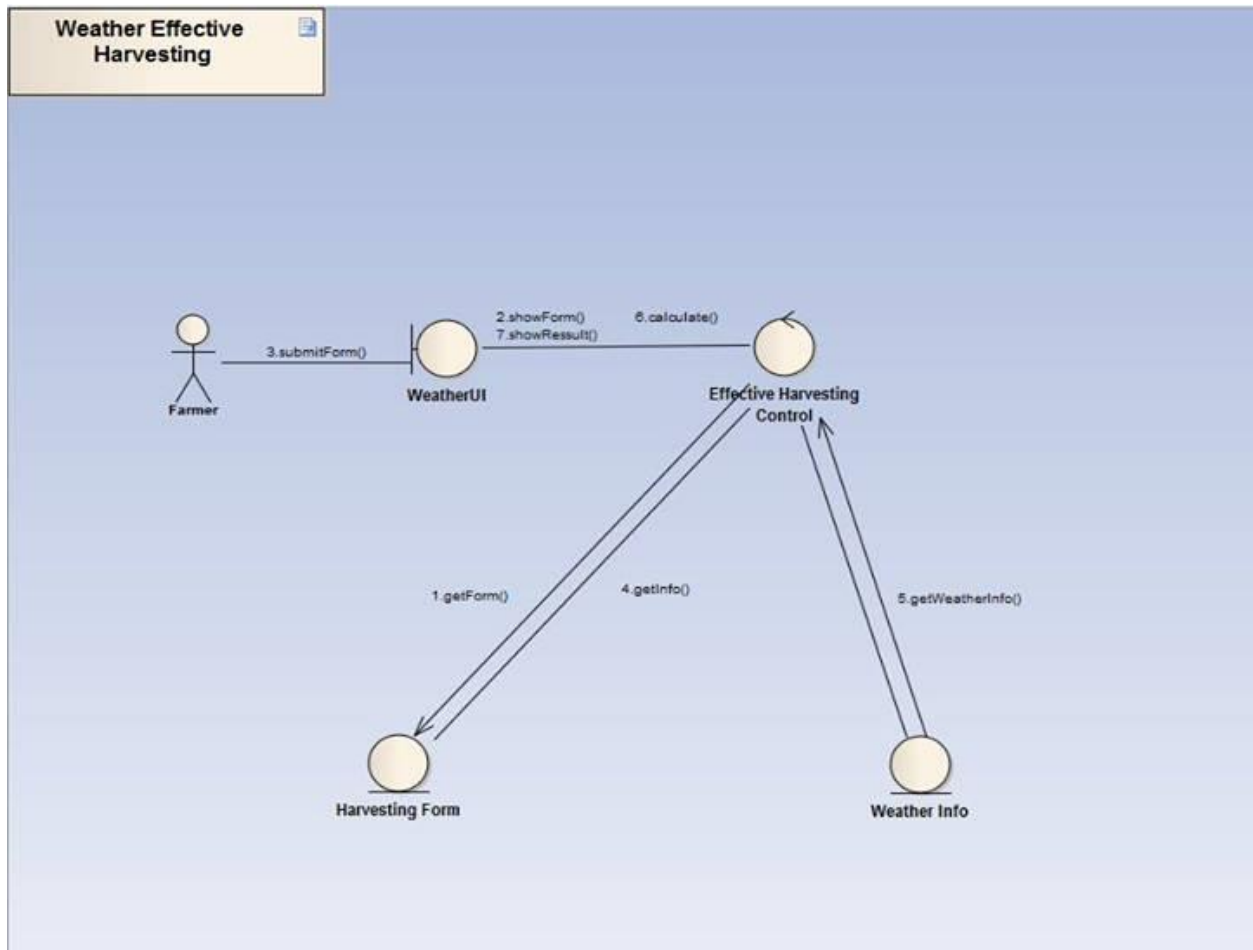
Collaboration Diagram



## Weather Forecast : Class Diagram



## Weather Effective Harvesting : Collaboration Diagram



## Weather Effective Harvesting : Class Diagram

