

Name: Eric Thompson

Project: Revamp Reslife

Requirements

USR-001, USR-002, USR-028, USR-029

Use Case Documents

Use Case ID:	USR - 001, USR - 002																									
Use Case Name:	Modify and Complete Room Condition Form as Resident Advisor																									
Description:	An RA updates any Room Condition Form and confirms the status of room and then completes RCF																									
Actors:	Resident Advisor																									
Pre Conditions:	Room must have attribute and status																									
Post Conditions:	Resident Advisor has completed RCF with attributes and statuses updated																									
Frequency of Use:	Once at the beginning of the year and once at the end of the year																									
Flow of Events:	<table><tr><th></th><th>Actor Action</th><th>System Response</th></tr><tr><td>1</td><td>RA login to account</td><td>Verify that usr is RA</td></tr><tr><td>2</td><td>View RCF: Room Condition Form</td><td>Shows attributes raModify()</td></tr><tr><td>3</td><td>Add room attribute and status</td><td>Update attribute list</td></tr><tr><td>4</td><td>Repeat step 3 until all attributes are updated.</td><td>repeat</td></tr><tr><td>5</td><td>Confirm RCF is Complete</td><td>Complete: true</td></tr><tr><td>6</td><td>Check to see if Resident has completed</td><td></td></tr><tr><td>7</td><td>Confirm they have completed it</td><td>Save and Update RCF</td></tr></table>			Actor Action	System Response	1	RA login to account	Verify that usr is RA	2	View RCF: Room Condition Form	Shows attributes raModify()	3	Add room attribute and status	Update attribute list	4	Repeat step 3 until all attributes are updated.	repeat	5	Confirm RCF is Complete	Complete: true	6	Check to see if Resident has completed		7	Confirm they have completed it	Save and Update RCF
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7	Confirm they have completed it	Save and Update RCF																								

Variations:	Room does not have all attributes
Developer Notes	

Use Case ID:	USR - 028, USR - 029																			
Use Case Name:	Modify and Complete RCF as Resident																			
Description:	A resident can modify and complete their specific room condition form																			
Actors:	Resident																			
Pre Conditions:	RA has to have completed RCF, and Resident needs to be within move in time.																			
Post Conditions:	The Resident has to have completed their RCF																			
Frequency of Use:	Once when they move in.																			
Flow of Events:	<table border="1"> <thead> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> </thead> <tbody> <tr> <td>1</td><td>Login to profile</td><td>Verify that usr is Resident</td></tr> <tr> <td>2</td><td>View RCF</td><td>studentModify() shows RCF</td></tr> <tr> <td>3</td><td>Add any changes to RCF that are needed</td><td>Update RCF</td></tr> <tr> <td>4</td><td>Repeat step 3 until up to date</td><td>Repeat step 3</td></tr> <tr> <td>5</td><td>Complete RCF</td><td>Update and send to RA</td></tr> </tbody> </table>			Actor Action	System Response	1	Login to profile	Verify that usr is Resident	2	View RCF	studentModify() shows RCF	3	Add any changes to RCF that are needed	Update RCF	4	Repeat step 3 until up to date	Repeat step 3	5	Complete RCF	Update and send to RA
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2	View RCF	studentModify() shows RCF																		
3	Add any changes to RCF that are needed	Update RCF																		
4	Repeat step 3 until up to date	Repeat step 3																		
5	Complete RCF	Update and send to RA																		
Variations:	When Resident moves and has to do multiple RCFs																			
Developer Notes																				

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    graph TD
        subgraph Resident_Advisor [Resident Advisor]
            RA_Start(( )) --> RA_Login[Login to account]
            RA_Login --> RA_View[View RCF]
            RA_View --> RA_Add[Add Attribute to room]
            RA_Add --> RA_Review[Review RCF]
            RA_Review --> RA_Complete[Complete RCF]
        end

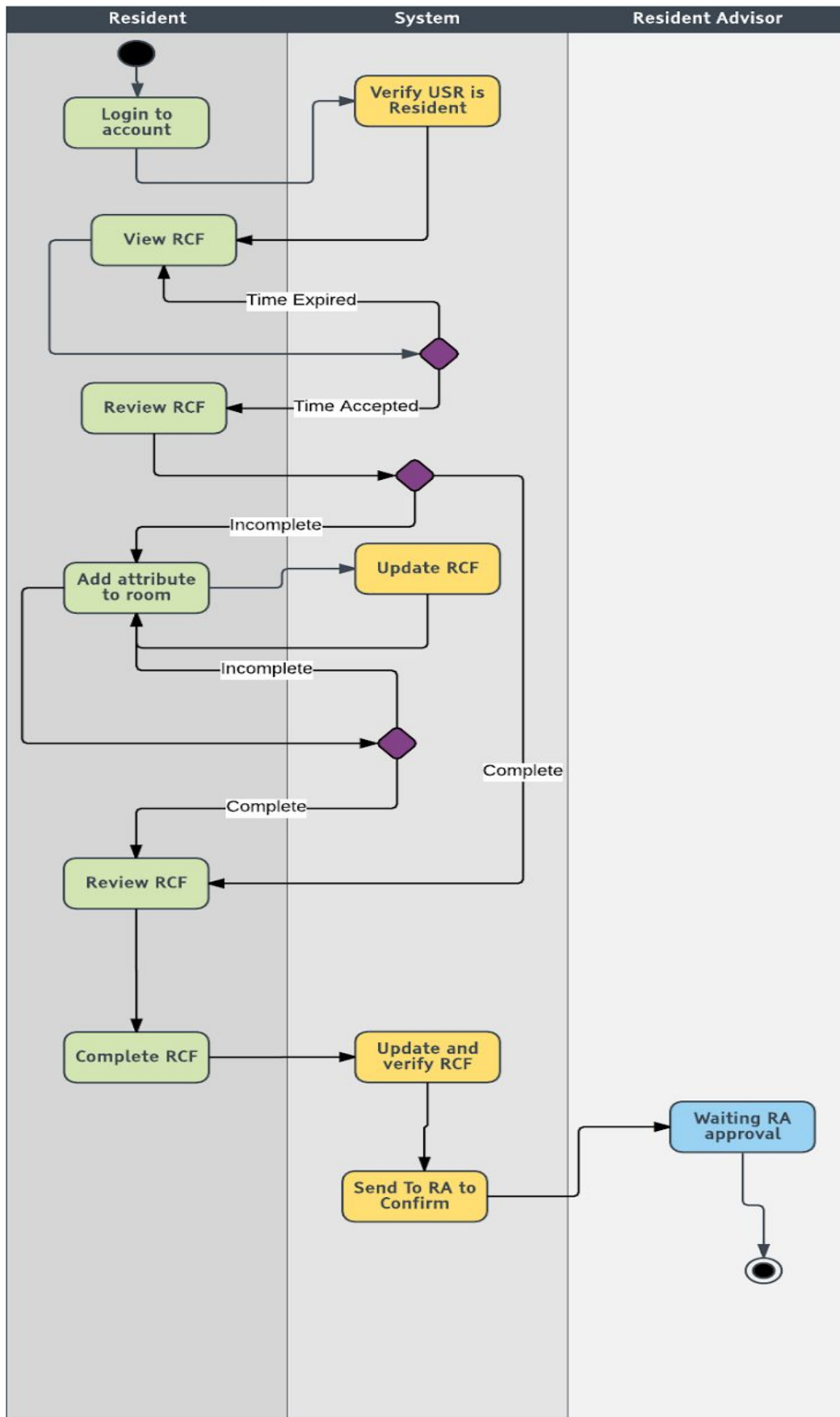
        subgraph System
            S_Verify[Verify Account as RA]
            S_Update[Update RCF]
            S_UpdateV[Update and Verify RCF]
            S_Send[Send to Resident]
            S_UpdateVComp[Update, Verify, and complete RCF]
        end

        subgraph Resident
            R_Received[Received Completed RCF from Resident]
            R_Waiting[Waiting Residents Confirmation]
        end

        RA_Login --> S_Verify
        S_Verify --> RA_View
        RA_View --> RA_Add
        RA_Add --> S_Update
        S_Update --> RA_Add
        RA_Add --> D1{ }
        D1 -- "Time Expired" --> RA_View
        D1 -- "Time Accepted" --> RA_Add
        D1 --> R_Received
        R_Received --> D1
        D1 --> RA_Review
        RA_Review --> RA_Complete
        RA_Complete --> S_UpdateV
        S_UpdateV --> D2{ }
        D2 -- "Incomplete by Resident" --> S_Send
        S_Send --> R_Waiting
        R_Waiting --> R_End(( ))
        D2 -- "Completed by Resident" --> S_UpdateVComp
        S_UpdateVComp --> S_End(( ))
        D2 --> RA_Review
    
```

The diagram illustrates the Room Configuration Process across three swimlanes: Resident Advisor, System, and Resident. The process begins with the Resident Advisor logging in and viewing the Room Configuration Form (RCF). The System then verifies the account as a Resident Advisor (RA). The Resident Advisor adds attributes to the room, which the System updates. A decision point checks if the time has expired or been accepted. If expired, the Resident Advisor views the RCF again. If accepted, the Resident Advisor adds more attributes, which the System updates. Another decision point checks if the process is complete or incomplete. If complete, the Resident Advisor reviews and completes the RCF, which the System updates and verifies. A final decision point checks if the process is incomplete by the Resident or completed by the Resident. If incomplete by the Resident, the System sends the RCF to the Resident, who then provides confirmation. If completed by the Resident, the System updates, verifies, and completes the RCF, leading to the final end state.

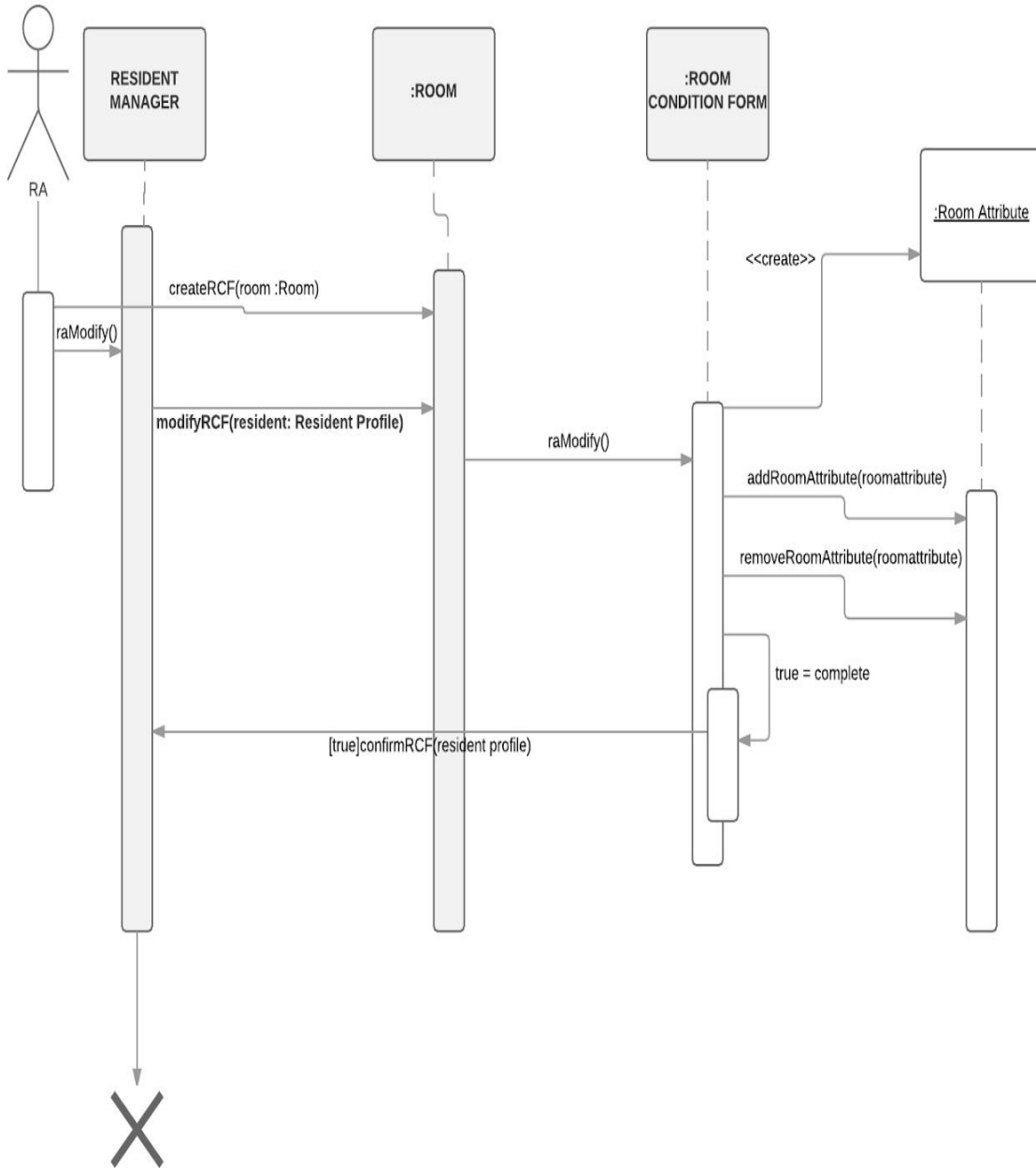
USR - 028, USR - 029 Resident Modify and Complete RCF  
Eric Thompson



## Sequence Diagrams

### USR-001,USR-002 MODIFY & COMPLETE RCF ERIC THOMPSON

Eric Thompson | March 13, 2017



# USR-001,USR-002 MODIFY & COMPLETE RCF ERIC THOMPSON

Eric Thompson | March 13, 2017

