

Residential Connection Requirements Document

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Objective

The Software application should be developed in order to help the Department of Housing and Residence Life improve their services to the residents at Florida Gulf Coast University. The Software will be primarily used by residents, who are student that live in on-campus housing, and Resident Assistants who are student staff. The software purpose is to increase effective communication, encourage student involvement in housing and support RA in accomplishing their duties and responsibilities.

The application will allow Resident Assistants to communicate information in the form of texts, graphics, survey etc. to the residents and the residents will be able to provide the Residents with feedback in the form of questions, comments and responses to surveys. Residents will also be able to share their own information like list of RSO they are involved in, events going on in campus, help forming a study groups and making new friends. This would then allow RAs and well as RDs to see how residents under their supervision are doing overall physically, mentally and emotionally. The software will give residents the opportunity to better communicate with their respective RA.

Success metrics

The Office of Housing and Residence Life goal is to provide students with the option to have an exceptional residential experience. An experience that will prepare students to be successful not only at the university level but also globally. The Office of Housing and Residence Life attempt to offer students an easy transition into the community where support and resources are offered to encourage academic achievements, student involvement and personal growth. The software will allow students to have access to information shared by RAs in a matter of a couple seconds. With the software residents will be able to ask questions about resources offered like CAPs, Adaptive Services and Tutoring, receiving a response within 24 hours. RAs will be given the

opportunity to ask residents what types of programs they would like to see ones that involve arts & crafts, sport activities or other activities by the use of polls and survey receiving a 60% response rate from residents. This would allow attendance to programs by residents to increase by 30%.

Goal	Metric
Help housing staff determine improvements in residence halls and policies	Increase of positive scores in student housing satisfaction surveys
Provide easier access to users to get in touch with someone to receive quick feedback	Residents question answered within 24 hours
Improve interaction among residents	Increase attendance rate at programs
Sharing information more efficiently	A decreased in the amount of question being ask at the front desk.
Expand a better learning opportunity, knowledge and skills	Increase on the number of programs hosted per semester.
A secure software all resident is able to utilize to communicate with one another as well as their RAs during the school year.	The average amount of user utilizing the application per month an increase indicates a success

Assumptions

- Not all residents will want to use the application as they may not feel comfortable to be socially active.
- Users will mainly use this application through their cellphones
- Users may use other mobile devices such as tablets and iPad
- Residents at time may try to post inappropriate content.
- Some residents and staff may have trouble navigating through the application
- Notification may be turn off as users get annoyed with the constant ding if other users are posting content continuously, preventing important information from being received
- Not every response in a survey or results of a poll will be 100% accurate
- Updates to the software may occur yearly
- The system may crash when a large number of users are using it like during the week of move in.

Requirements

	Requirement	User Story	Importance	Jira Issue
1	The user shall be able to access the system with a username and password that contains at least eight characters.	As a Resident, I want to be able to change my password, so that I can still have access to the application.	HIGH	Requirement
2	Users shall be able to customize their default profile by adding further information to the text boxes displayed under the profile page.	As a Resident, I want to be able to be able to customize my profile, so that I can make my profile unique.	HIGH	Requirement
3	The system shall block user from access to the analytical reports if they do not have the necessary credentials.	As a RD, I want to be able to control users' access to the features provided in the so that only certain users have certain features enabled.	HIGH	Requirement
4	The system shall block user from access to the flyer, poll and survey dashboard posting feature if they do not have the necessary credentials.	As a RD, I want to be able to control users' access to the features provided in the so that only certain users have certain features enabled.	HIGH	Requirement
5	User should be able to search for other users' posts ,in the search bar, who also have authorization to access the application.	As a Resident, I want to be able to tag someone on my post, so that I can ensure the person sees my post.	MEDIUM	Requirement
6	The system shall display a checkmark near a post ,that requires a user's response, when completed.	As a Resident, I want a check mark to appear near the post of a survey or poll once I submit it, so that I know that I completed a survey or poll.	MEDIUM	Requirement
7	The system shall allow users to select whether they will attend, not attending or maybe on a flyer that has been posted on the dashboard.	As a Resident, I want to be able to select the option of attending, not attending or maybe, so that I am able to tell my RA my intentions regarding the program.	HIGH	Requirement

8	The system will allow the users to select whether they want notification to be on or off.	As a RA, I want to have the option to turn off notifications, so that I am not disturbed during certain times.	LOW	Requirement
9	The system shall allow user to share post on the dashboard by clicking the share button located under each post.	As a RA, I want to be able to share videos, so I can show the residents.	HIGH	Requirement
10	The system shall have a database that allows user to import important documents that they would like to be secure in the application.	As a RA, I want to upload important form on the application, so that I can keep important document in one secure location.	HIGH	Requirement
11	The system shall allow users to send private messages to one another as long as the users accepts to receiving message from the particular user.	As a RA, I want to send be able to send direct message, so I communicate have a direct communication line with my residents.	MEDIUM	Requirement
12	An update to a user's list of posts shall appear in 3 seconds for 90% of the users	As a RA, I want to receive quick notifications so that I can take action on the task required.	MEDIUM	Requirement
13	The database of the system shall collect the data obtain from the survey, polls and flyers. Organizing the data into informative information for users to view.	As a RA, I want to view the response to my surveys given by the residents, so that I can thoroughly examine the results.	HIGH	Requirement
14	The system shall have a feature of a calendar to allows users to input important information of when events and program will occur.	As an RA, I want to add important dates to the general resident's calendar, so that my resident knows important dates.	MEDIUM	Requirement
15	The system shall allow users to create surveys when they click the survey feature located in the application dashboard.	As an RA, I want to be able to create a survey on the application, so that I can receive answer to my question from the residents	HIGH	Requirement

16	The system shall allow users to create polls when they click the poll feature located in the application dashboard.	As an RA, I want to be able to create a poll on the application, so that I am able to gather information from the residents.	HIGH	Requirement
17	The users will be able to edit flyers once they are uploaded if the pencil icon appears near the flyer.	As an RA, I want to be able to edit the flyers that I upload to the application, so that I can alter the information on the flyers.	MEDIUM	Requirement
18	The system shall allow users to specifically upload flyers they will click the flyer feature located in the application dashboard.	As an RA, I want to upload program flyers so that I can share the information with the residents.	HIGH	Requirement
19	The system shall allow personnel users to view the activities of all other users by converting their account to an administration account.	As an RD, I want to be able to view users who have notifications muted, so that I know which users may not be receiving information from the application.	HIGH	Requirement
20	The system shall block users from submitting an answer to post that are flyers, polls and surveys if they do not have the necessary credentials. poll	As a RD, I want to be able to control users' access to the features provided in the so that only certain users have certain features enabled.	HIGH	Requirement
21	Users shall be able to post text updates in the form of a question. Once the user selects the post button on the homepage the user will be able to start creating post.	As a Resident, I want to be able to post on the dashboard, so I can ask questions.	MEDIUM	Requirement
22	Users shall be able to choose if nobody, everyone or friends will be able to view their post before the user post	As a Resident , I want to be able to choose my availability on a program according to a flyer posted, so that I can inform my intentions quickly to the RA.	LOW	Requirement

23	The users shall be able to post at most ten pictures at a time on the dashboard for each post.	As a Resident, I want to upload picture to the dashboard, so that I can share them with others on the application.	LOW	Requirement
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User interaction and design

Note: Made with Moqups



LOGIN



Dashboard Page



Profile Page



Initialize Posting



Posting Flyer



Posting Survey



Analysis Report

Out of Scope

- Private Messaging capabilities among residents
- Ability to change the profile theme
- Ability to prioritize posted information from low-high
- Requiring all resident to register and use the application weekly
- Use for all students at the university
- Computers will not be backed up prior to any upgrade – users should ensure documents are saved where they can access it.
- The system will take not update new users automatically