

User Stories

User stories are **prioritized** as follows:

ID	Priority
M	Must have , critical to system functionality and must be delivered in the first version of the software
S	Should have , non-critical but valuable functionality that can be removed from the scope as required and delivered in later versions
C	Could have , valuable but ultimately unnecessary
W	Won't have , least valuable features

The scale of User stories are **Estimated** as follows:

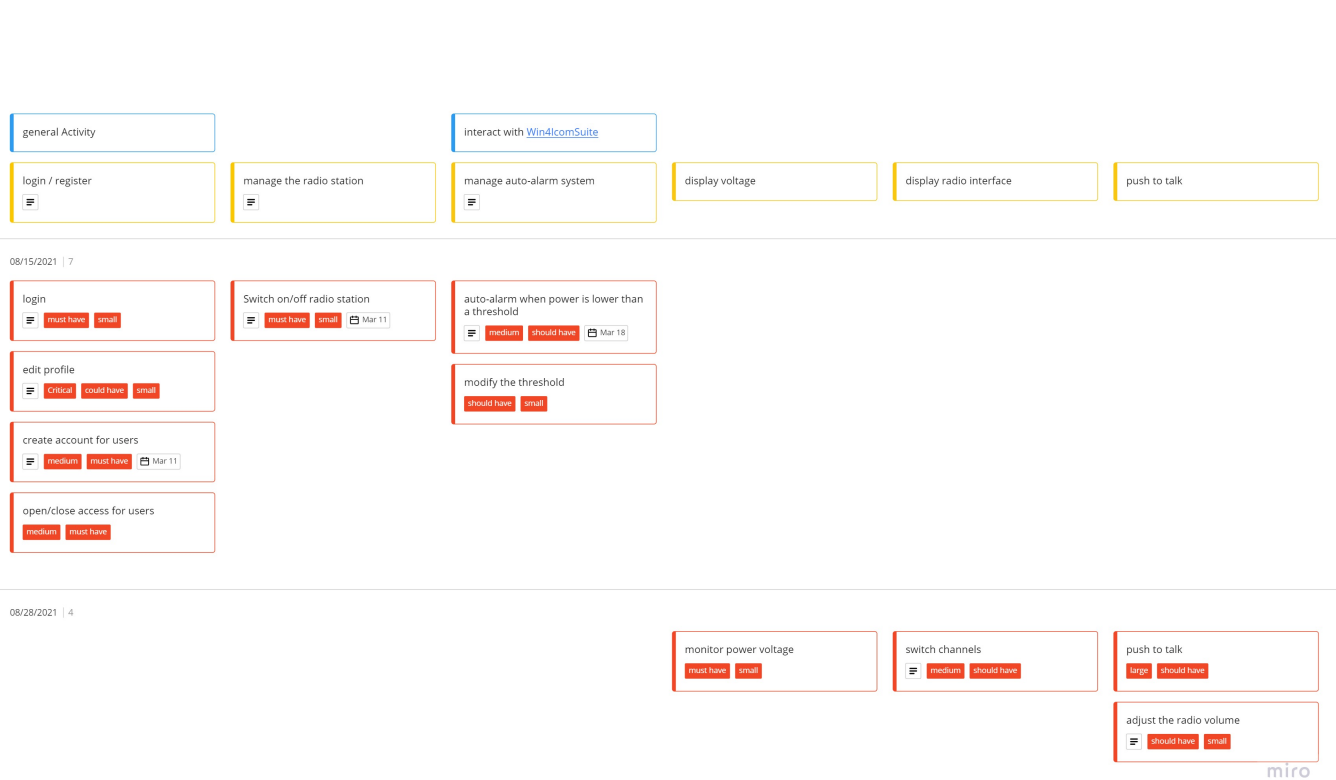
ID	Size Estimation
Small	User stories that can be completed in one day or less.
Medium	User stories that can be completed between 1 and 3 days.
Large	User stories that can be completed between 4 and 5 days.

User Stories

Epic	User Story ID	As a <role>	I want to <do something>	So that <achieve some goals>	Priority	Size Estimation
login / register	1	Admin	create an account for my club members	They can use the accounts to login	M	Small
	2	Admin	open/close access of user account	I can manage the users	M	Medium
	3	Admin/Club member	login	I can start to use the system	M	Small
	4	Admin/Club member	edit my profile	I can update my information	C	Small
Manage the radio station	5	Admin	switch on/off the radio station	I can close it at home	M	Small
Manage Auto-alarm system	6	Admin	be alarmed when power is lower than a threshold	I can perform safety actions.	S	Medium
	7	Admin	set an alarm threshold	I can be alarmed when power is lower than the threshold.	S	Small
Display voltage	8	Admin	see the voltage of the system	I can monitor the power level	M	Small
Display radio interface	9	Admin/Club member	switch between different channels	I can listen to the channel I like	S	Medium
PushToTalk	10	Admin/Club member	adjust the volume of the radio	I can listen to it at a suitable volume	S	Small
	11	Admin/Club member	push a button and start to talk to others	I can communicate with other club members on a certain channel	S	Large

User stories map

organized in 2 sprint of 1 month



Admin journey mapping

Map description

PERSONA

Nairb Ttmrecm

SCENARIO

Nairb is the administrator of a radio club. He want to share his radio station signal with his club members.

GOALS

As the admin of the radio club, Nairb Wants to:

- Manage club members
- Use and monitor the radiostation

LOGING IN

MANAGE

USE

MONITOR

Actions

- Open up the software
- Use the pre-defined admin account to login

- Land on the admin page
- Browse the user list
- Open/Close access of user account
- Create an user account
- Edit profile

- Land on the Radio station page
- Turn on/off the radio station
- Switch between different channels
- Adjust the volume of the radio
- Push a button and start to talk to others

- See the voltage of the system
- Be alarmed when power is lower than a threshold
- Set an alarm threshold

Thoughts

- "The developer of the system should give me an admin account"
- "I can start to use the system"

- "As an admin I have many functions to help me manage my club members"
- "It seems a little complex, is there any guide info"

- "It is similar to a radio user interface that I am familiar to"
- "There a quite a lot of buttons here, hope there are some descriptions"

- "It's great that I can monitor the state of my radio station"

Emotions

- **Excited** to get start to use the system

- **Happy** to have functions to manage different club members
- **Anxious** about don't know how to use the system

- **Superised** about the familiar user interface
- **Satisfied** with sufficient functions to use the radio
- **Confused** about too many buttons and functions on the radio

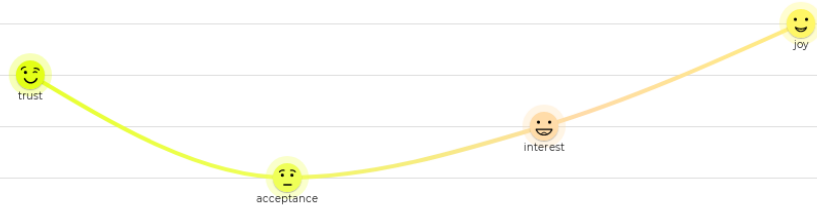
- **Glad** to monitor the radio station remotely

Opportunities

- Brief guide information
- Better organized

- Simple description of various functions

EXPERIENCE



UXPRESSIA

This map was built in uxpressia.com

User journey mapping

Map description

PERSONA

Austin Wade

SCENARIO

As a member of a radio club, Austin would like to listen to a radio even in areas with high RFI.

GOALS

As a member of a radio club, Austin would like to :

- Get access to the radio station
- Listen to the radio

SEARCH

DISCOVERY

USE

Actions

- Google "Remote Amateur Radio Station" on the Internet
- Email to the administrator to get username and password

- Land on the homepage
- Get familiar with the functionality provided by the software

- Switch on the radio and listen to the radio successfully
- Edit the profile to make it easier for administrator to identify

Thoughts

- "I hope I can find a software to listen to radio"
- "I wonder whether the account Brian gave me can be used."
- "I hope I can get access to the radio."

- "This software has many functions."
- "Is there an introduction page for this software, I'm not sure what to do next."
- "It is great I can tune on the radio and switch channels."
- "The interface is too simple."

- "It would be great if there are more functions."
- "It is great to have a Push-to-talk function so that I can communicate with my club members."
- "I'm not sure how to edit the profile."
- "This software can achieve the function that I expected."
- "Who should I do if something goes wrong with the radio."

Emotions

- **Hopeful** to learn about a software
- **Confused** about whether the software will do what it's supposed to do

- **Frustrated** to get familiar with the software functions
- **Surprised** about the functions this software provides
- **Disappointed** with the lack of software functional guidance

- **Satisfied** with the function of the software
- **Happy** to find a way to listen to radio and communicate with club members

Opportunities

- Detailed functional guidance
- Better looking homepage

- Fault reporting and notification system
- Develop more functions

Expectation Ratings



UXPRESSIA

This map was built in uxpressia.com