

title User stories

admin->code: adds text for the description

code->screen: displays the text

user->textbox: types login into box

user->button: clicks on button to submit login

button->CPU: asks if login is in the memory

CPU->button: confirms login is in memory

button->screen: requests to show new screen

screen->user: Displays new screen

user->code: Changes anything

code->screen: Requests to show the changes

screen->user: Displays changes

user->button: edit old tasks

button->code: asks if it allows user to edit stuff

code->CPU: asks if button allows user to edit stuff

CPU->code: responds to request

code->button: responds to request

code->text: requests screen to display the edit task

screen->user: displays the edit task display

user->button: requests to add new task

button->code: asks if that's what it does

code->CPU: asks if button adds stuff

CPU->code: responds to request

code->button: responds to request

code->screen: requests to show the add task pop up

screen->user: shows add task pop up

user->button2: clicks to add new task

button2->code: asks if that's what it does

code->CPU: asks if button adds stuff

CPU->code: responds to request

code->button2: responds to request

button2->code: requests to add new task

code->CPU: requests to store new task

CPU->code: responds to request

code->screen: requests to show pop up stating that task was added

screen->user: shows task was added

user->button: delete old tasks

button->code: asks if it deletes stuff

code->CPU: asks if button deletes stuff  
CPU->code: responds to request  
code->button: responds to request  
code->text: deletes task  
screen->user: displays that task was deleted

user->screen: asks to manually award a badge  
screen->code: asks if that can happen  
code->CPU: asks about screen's request  
CPU->code: responds to request  
code->screen: responds to request:  
code->screen: requests to show that the award was given  
screen->user: shows that award was given

user->backend: requests which challenges were most engaging  
backend->CPU: requests saved data about the user's request  
CPU->backend: responds to request  
backend->screen: requests to display the challenges that were most engaging  
screen->user: displays results

user->code: requests backend to sync to blockchain to keep badge data up to date  
code->backend: sends request  
backend->blockchain: requests to sync with it  
blockchain->backend: responds to request  
backend->code: responds to request  
code->screen: display that backend is synced with blockchain  
screen->user: display message from code