Account Provisioning:

The task: *~~(Unconfirmed details)~~*

1. Go to IDMS
2. Log in to IDMS
3. Go to My tasks/ Group tasks
4. Click on tasks with application names about account provisioning (CHOSEN: VOICES)
5. Get details of the task (username of person to change etc)
6. ~~View the current access of the account that has requested provisioning~~
7. Go to SAP website and wait for login
8. Click on user administration and search for user (by username) to be modified
9. Click on the user found, click on assigned roles and then modify
10. Search add or remove roles as per the request and then save
11. Leave the window open for user to print out evidence manually
12. Repeat steps 3 to 12?

Task Additional:

1. Replacing step 12 and 13, print out the IDMS request as a pdf file and save to daily request folder (possibly by porting over the code used in task 1 part 1)

What has been done: *(Python, Selenium)*

1. Go to IDMS ○○
   1. Done (goes to)
2. Log in to IDMS ◌◌
   1. Log in is the same as Task 2, waits for user to log in
3. Go to My tasks/ Group tasks ○○
   1. Goes to group tasks via url (http://)
4. Click on tasks with application names about account provisioning (CHOSEN: VOICES) ○○
   1. Done via scanning through even rows before scanning even rows, if a task has VOICES as application name, Click on it and stop scanning. (Might be faster to just filter then click) – this could depend on how often the program will be run
5. Get details of the task (username of person to change etc) ○○
   1. Currently gotten info are: roles to add/ remove, the url of the request, employee id and username(gotten through finding the user via employee id)
6. ~~View the current access of the account that has requested provisioning ○◌~~
   1. ~~Click on the view current access button and print out the access without extending any feilds~~
7. Go to SAP website and wait for login
   1. Similar to 2., except the check is done by finding presence of element and not url
8. Click on user administration and search for user (by username) to be modified ○○
   1. done
9. Click on the user found, click on assigned roles and then modify ◌◌
   1. The program will select the 1st result of the search for user
10. Search add or remove roles as per the request and then save
    1. The roles are taken from the tasks are read and are added/ removed one at a time
11. Leave the window open for user to print out evidence manually
    1. Done
12. Repeat steps 3 to 12?
    1. NIL, NOT DONE

Limitations:

1. URL needs to be changed if there is any change
2. The log in is manual for security
3. If the url changes the code needs to be updated
4. The code will click on the 1st found and does not take note if there are more of such requests. It will only click on requests with application name of VOICES, an exact match.
5. If the layout of the IDMS request is changed, the program will be unable to get the data correctly
6. ~~NOT DONE~~
7. Log in is manual tor security
8. Should the page load slowly, it is possible for the code to timeout
9. The program will only ever click on the 1st result of the search and will never check if there are more results, this may result in the wrong person having the access rights granted/ removed
10. The roles are added one by one and is thus quite slow. The code is also made slower as the table refreshes each time a role is added/ removed thereby forcing the code to have to locate the table again (the delay is not too big, 0.2~0.3 sec, total might be significant should there be a lot of roles)
11. NIL