s

**Asia Pacific College**

**#3 Humabon Place, Magallanes, Makati City**

**PUBLIC SCHOOL RANKING SYSTEM**

**Project Documentation**

**Submitted to the Faculty of**

**School of Computing and Information Technologies**

**In Partial Fulfillment of the Requirements**

**for the subject Software Quality Assurance**

Submitted by:

**AYUNGON, Rhea-Eve M.**

**BURTON, Kathrine Danielle C.**

**JULIAN, Kyla Joyce M.**

**LLANTOS, Joneil Thom O.**

Submitted to:

**Edmundo G. Casiño**

**Subject Professor**

**APRIL 26, 2018**

**Table of Contents**

[**I.** **INTRODUCTION** 3](#_Toc512463686)

[**A.** **Project Overview** 3](#_Toc512463687)

[**B.** **Document Purpose** 4](#_Toc512463688)

[**C.** **Quality Objectives** 5](#_Toc512463689)

[**D.** **Overall Framework Design** 5](#_Toc512463690)

[**E.** **Project Team Members** 7](#_Toc512463691)

[**F.** **Roles & Responsibilities** 7](#_Toc512463692)

[**II.** **QUALITY ASSURANCE PROCESS** 9](#_Toc512463693)

[**A.** **Quality Checklist** 9](#_Toc512463694)

[a. Project Management 9](#_Toc512463695)

[b. Project Deliverables 10](#_Toc512463696)

[**B.** **Test Cases** 11](#_Toc512463697)

[a. District 11](#_Toc512463698)

[b. Registrar 19](#_Toc512463699)

[c. Guidance 28](#_Toc512463700)

[d. Teacher 34](#_Toc512463701)

[e. Principal 39](#_Toc512463702)

[f. Student 44](#_Toc512463703)

[**REFERENCES** 48](#_Toc512463704)

1. **INTRODUCTION**
2. **Project Overview**

Elementary education is the first part of the educational system, and it includes the first six years of compulsory education from grade 1 to 6, with an optional 7th grade offered by some schools. Major subjects include Mathematics, Science, English, Filipino and Araling Panlipunan. On the other hand, optional subjects include Music, Arts, Physical Education, and Health.

As of School Year 2017-2018, there are 22.9 Million students that are enrolled in public schools in the Philippines and the country’s Department of Education has been doing their job in providing quality education both for private and public sectors. However, there are still room for improvement to advance the education system in the country.

The team believes that a student’s performance can be enhanced and strengthen with the help of analytics. Through a systematic analysis of data and statistics, the team, together with the client, Department of Education, may focus on students’ performance by viewing how the students perform in their major subjects. This tool will not be used for comparison of students, but will focus more on the strengths and weaknesses of a pupil. By acknowledging and knowing these factors, the teachers, together with their respective schools can keep track of their students’ performance and help them grow in their academics. Also, through this tool, the school may know how well they perform in educating their students.

How do we maximize the use of analytics? The team opted to use moodle which is an online platform to administer Quarterly Assessment Exams. Each student will have an account and will automatically be enrolled in a course for their respective grade level. Once the students have answered all Quarterly Assessment Exams, the results will then be stored in the admin’s database containing the Student Name, Student ID, Exam Answers, and Answer Key. This database will be connected to the system and analytics would be connected to the team’s system in order to have the table automatically updated.

The team, however, is very much conscious on the budget that will be allocated for the system. The team believes that implementing moodle in every public school would require a fortune from DepEd. Therefore, another medium that can connect to analytics is the concept of Optical Mark Recognition (OMR) but proposing to replace the costly OMR machine using a regular ADF scanner. To facilitate this, Quarterly Exams are distributed in hard copies and would be scanned for checking. The results would also be extracted from the OMR to the system and would then be displayed on the dashboard for viewing.

1. **Document Purpose**

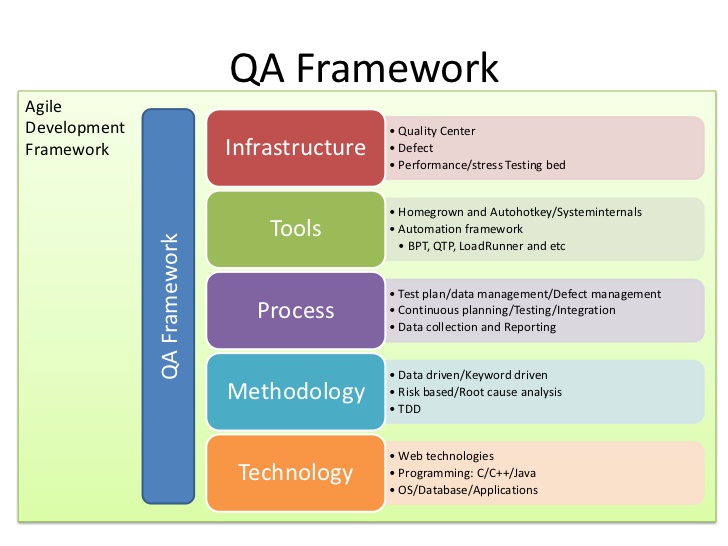
The purpose of documentation is to establish protection from discrimination specifically: to describe the use, operation, maintenance, or design of the software through the use of check lists and test cases. [1]

1. **Quality Objectives**

The goal of the quality assurance is to make sure that the software is executing the development process on sync. The team aims to mitigate errors that may occur in the development process and while delivering the service to the client. The team shall test the sequences and responses of each input and make sure that the output meets the requirements.

1. **Overall Framework Design**

The figure [2] below shows the quality assurance framework the team applied to assure the quality of the system’s operations and outputs. Quality assurance refers to the planning, actions, and procedures necessary to ensure that quality is being maintained and errors are mitigated.



![A close up of a map

Description generated with high confidence](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4RDaRXhpZgAATU0AKgAAAAgABAE7AAIAAAAFAAAISodpAAQAAAABAAAIUJydAAEAAAAKAAAQyOocAAcAAAgMAAAAPgAAAAAc6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAERhbmUAAAAFkAMAAgAAABQAABCekAQAAgAAABQAABCykpEAAgAAAAM1OAAAkpIAAgAAAAM1OAAA6hwABwAACAwAAAiSAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMjAxODowNDoxOCAxMzoyMjo0NwAyMDE4OjA0OjE4IDEzOjIyOjQ3AAAARABhAG4AZQAAAP/hCxdodHRwOi8vbnMuYWRvYmUuY29tL3hhcC8xLjAvADw/eHBhY2tldCBiZWdpbj0n77u/JyBpZD0nVzVNME1wQ2VoaUh6cmVTek5UY3prYzlkJz8+DQo8eDp4bXBtZXRhIHhtbG5zOng9ImFkb2JlOm5zOm1ldGEvIj48cmRmOlJERiB4bWxuczpyZGY9Imh0dHA6Ly93d3cudzMub3JnLzE5OTkvMDIvMjItcmRmLXN5bnRheC1ucyMiPjxyZGY6RGVzY3JpcHRpb24gcmRmOmFib3V0PSJ1dWlkOmZhZjViZGQ1LWJhM2QtMTFkYS1hZDMxLWQzM2Q3NTE4MmYxYiIgeG1sbnM6ZGM9Imh0dHA6Ly9wdXJsLm9yZy9kYy9lbGVtZW50cy8xLjEvIi8+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczp4bXA9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC8iPjx4bXA6Q3JlYXRlRGF0ZT4yMDE4LTA0LTE4VDEzOjIyOjQ3LjU3OTwveG1wOkNyZWF0ZURhdGU+PC9yZGY6RGVzY3JpcHRpb24+PHJkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9InV1aWQ6ZmFmNWJkZDUtYmEzZC0xMWRhLWFkMzEtZDMzZDc1MTgyZjFiIiB4bWxuczpkYz0iaHR0cDovL3B1cmwub3JnL2RjL2VsZW1lbnRzLzEuMS8iPjxkYzpjcmVhdG9yPjxyZGY6U2VxIHhtbG5zOnJkZj0iaHR0cDovL3d3dy53My5vcmcvMTk5OS8wMi8yMi1yZGYtc3ludGF4LW5zIyI+PHJkZjpsaT5EYW5lPC9yZGY6bGk+PC9yZGY6U2VxPg0KCQkJPC9kYzpjcmVhdG9yPjwvcmRmOkRlc2NyaXB0aW9uPjwvcmRmOlJERj48L3g6eG1wbWV0YT4NCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgCiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIAogICAgICAgICAgICAgICAgICAgICAgICAgICAgPD94cGFja2V0IGVuZD0ndyc/Pv/bAEMABwUFBgUEBwYFBggHBwgKEQsKCQkKFQ8QDBEYFRoZGBUYFxseJyEbHSUdFxgiLiIlKCkrLCsaIC8zLyoyJyorKv/bAEMBBwgICgkKFAsLFCocGBwqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKioqKv/AABEIAlADpAMBIgACEQEDEQH/xAAfAAABBQEBAQEBAQAAAAAAAAAAAQIDBAUGBwgJCgv/xAC1EAACAQMDAgQDBQUEBAAAAX0BAgMABBEFEiExQQYTUWEHInEUMoGRoQgjQrHBFVLR8CQzYnKCCQoWFxgZGiUmJygpKjQ1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4eLj5OXm5+jp6vHy8/T19vf4+fr/xAAfAQADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/APpGiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiisjX9fGgrYKunXmpXGoXX2WC3szEHZhFJKSTI6KAFibv6UAa9Fc3/wlGr/9CJ4g/wC/+n//ACVR/wAJRq//AEIniD/v/p//AMlUAdJRXN/8JRq//QieIP8Av/p//wAlUf8ACUav/wBCJ4g/7/6f/wDJVAHSUVzf/CUav/0IniD/AL/6f/8AJVH/AAlGr/8AQieIP+/+n/8AyVQB0lFc3/wlGr/9CJ4g/wC/+n//ACVR/wAJRq//AEIniD/v/p//AMlUAdJRXN/8JRq//QieIP8Av/p//wAlUf8ACUav/wBCJ4g/7/6f/wDJVAHSUVzf/CUav/0IniD/AL/6f/8AJVH/AAlGr/8AQieIP+/+n/8AyVQB0lFc3D4un/tfTrDUvDGsaZ/aMzQQT3L2jx71ieXB8qd2GVibnGM10lABXLW3xF0G8tYrqzi1ye3mQSRSxeHr9kkUjIZSIcEEHIIrqa5v4cf8ks8Kf9gWz/8ARCUAH/CeaR/z5+IP/Cc1D/4xR/wnmkf8+fiD/wAJzUP/AIxVi78beFbDUHsL7xNo9teRsEe2mv4kkVj0BUtkHnpW5R0uHkc3/wAJ5pH/AD5+IP8AwnNQ/wDjFH/CeaR/z5+IP/Cc1D/4xXSEhVJY4A5JPaq/9oWX2aC4+1weRclFgl81dspb7oU5wc9sdaAMP/hPNI/58/EH/hOah/8AGKP+E80j/nz8Qf8AhOah/wDGK6SigDm/+E80j/nz8Qf+E5qH/wAYo/4TzSP+fPxB/wCE5qH/AMYrSPiPRBrg0U6zp41U9LD7Unn/AHd3+rzu+7z06c1pUAc3/wAJ5pH/AD5+IP8AwnNQ/wDjFH/CeaR/z5+IP/Cc1D/4xW/LdW8EsMc88cclw5SFHcAyMAWwoPU4UnA7AntUtAHN/wDCeaR/z5+IP/Cc1D/4xR/wnmkf8+fiD/wnNQ/+MV0lFAGJpfi7StX1UabbDUIbtoXnWO90u5td6IyqxUyxqGwZEyAc/MK265u+/wCSp6F/2BdS/wDR9jXSUAFFc/rmuarZ6/p2kaHplnfXF5a3F0zXl81skawtCpAKxSEkmcdh901H9u8b/wDQveH/APwfT/8AyHQB0lFc39u8b/8AQveH/wDwfT//ACHR9u8b/wDQveH/APwfT/8AyHQB0lFc39u8b/8AQveH/wDwfT//ACHR9u8b/wDQveH/APwfT/8AyHQB0lFc39u8b/8AQveH/wDwfT//ACHR9u8b/wDQveH/APwfT/8AyHQB0lFc39u8b/8AQveH/wDwfT//ACHR9u8b/wDQveH/APwfT/8AyHQB0lFc39u8b/8AQveH/wDwfT//ACHR9u8b/wDQveH/APwfT/8AyHQB0lFc39u8b/8AQveH/wDwfT//ACHRp+va5/wlVto2vaRp9p9qsp7uKay1J7n/AFTwoVZWgjxnzwQQT0NAHSUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABVHW9Vg0HQNQ1e8SR7fT7WS6lWIAuyopYhQSBnA4yRV6ub+I/wDySzxX/wBgW8/9EPQAf8JRq/8A0IniD/v/AKf/APJVH/CUav8A9CJ4g/7/AOn/APyVXSVheMvEj+FPDUmqxWJv3WaGJbcSbCxkkVOuD03ZxjmgdrkH/CUav/0IniD/AL/6f/8AJVH/AAlGr/8AQieIP+/+n/8AyVT4/Fkc3jqDw9Ba745tNa++2CTgEOg8vbjrhw2c9xxzUtp4z0G9a8EN8VWzjeaSSaCSKNo0JDyI7qFkRSOWQsBkc8jJt/XYS12/q5X/AOEo1f8A6ETxB/3/ANP/APkqj/hKNX/6ETxB/wB/9P8A/kqpovGuhy6TPqIuLhIYHSOSOWymjnDPjYBCyCQlsjbhTu7ZrI0j4lWOq6xcW5t/s1lAl273c7tHsW38ncXjZQUP745BwV2HPXg62A0f+Eo1f/oRPEH/AH/0/wD+SqP+Eo1f/oRPEH/f/T//AJKrS0XxBp3iC3ll0ySY+S4SSO4tpLeRCQGGUkVWAIIIOMEdKyZvGE0u2PSdL+2XF1eS2tir3HlpKIsiWV22nYisrKCAxPy4HPBsG5J/wlGr/wDQieIP+/8Ap/8A8lUf8JRq/wD0IniD/v8A6f8A/JVPsvFW201X+37VNOvNHTzbuKKYzxmMqWWSN9qllIDDlVO5WGOhNW58ZXEfgyHV4dLja/e7isXsZboosUzziEq0gQnALZzt5Hbmjrb+tQJ/+Eo1f/oRPEH/AH/0/wD+SqP+Eo1f/oRPEH/f/T//AJKp0ms+INO0m91DXNF0+OO1QSlLDUpLhmjBzIcNAnIXJAGdx44610EciSxrJGwZHAZWB4IPQ0AcpqXji90jSrvUtQ8E+IIbSzheeeTzbBtiIpZjgXJJwAeAM11tc38R/wDklniv/sC3n/oh66SgAooooAKKKKACub8Uf8jF4M/7DUn/AKb7yukrm/FH/IxeDP8AsNSf+m+8oA6SiiigArM1zWf7Fisn8jzvtd9DaY37dnmNt3dDnHp39a06x/EekT6xDpyWzxqbXUbe6fzCRlI33EDAPOOlHVeq+6+v4Cfwu3Z/fbQz5/iJ4fQXa289xcTWyzjallPskkhDF4lfZtZxtPyglsDOMUW3xA0VtH0m9v3ns21O2S4ERtZm8hWIG6QhP3abmwHfap6g4rN/4QfUG03TrVri2BttVv7yRgzH93cC5CAccsPPXI4HBwTxnKvfhzq15a6cJo7OWX+yItKvYxrF5BEixlsOBCE88MrtmN9vQANyTRHfXy/W/wChUt9PP81b8Ls6278eeHbKa7iuLyYGzmFvOy2czKspxiIMEIZzuGFBJORxyKe3jfQl0mPUTPcmKWdrdYlsJzceYuSy+QE8wEBSTleBz05rMPg++EcqLLb4bxDFqi5dv9Snl5U8fe+Q+3Tms/VfAWpXF1Le27RTTDVZ7uOFdTuLHdFLEiYM0I3qwKA4wykZHuF9nz//AGf839xPX+vP/JfedBpPjOy1rxXdaNYxSyRw2FvfR3ixyeVMsu7GG27egUg7jnLAD5Gx0Vcj4W8KXvh3WhLi0NpJpNvayCOaUtHNE8jHaJNxZD5p5Z8jb0OeOuqnboPr935L9QooopAc34o/5GLwZ/2GpP8A033ldJXN+KP+Ri8Gf9hqT/033ldJQAVzfw4/5JZ4U/7Atn/6ISukrm/hx/ySzwp/2BbP/wBEJQBxV9/wksWm+Mp9JmsJdM/taVLy0bT3lufJMUYleNvNCswU5CFOcdT0qn4k8S6fp9xYjQdZkIs4bL7M8+utbiSAlfnhtkUrdAru3tJwMHB4IHstFC0SXa34K39dtRPW/wA/xd/67nlWmS3kd3pWovqeozTahrmp2U0c15I8Pkp9qKIIidgwYkw2N3bOOKo6Be31poHh6O+1C5i1GWbS1ihiuHSBrJtgGxM4JzlXJySfRSijuZvHIjutQWPw7rNxZ6bOYLq+hWBo0KqGZgnm+awAYH5UJPYGtiXxHolve2lncaxYRXV8oa1gkuUWScHoUUnLZ9qI9GvL/P8AH/Mc9br1/r5afcjzLSrnWrHRtIv9M1HUr7U9T0S/ldLm7knWSaMIYtsbEqpB4+UDdn5iSc10HgS902fxTew+H9fvNZ04aZbSFp7+S7VZS8oYhnJwxAXcoPHHArf1rxb4fsrLWIZ9ThnuNOtJJ7uxs7pftUcYXJIUMGU4IwcjqORWdpup+D/D+lXmr6RqI1CP7RBa3d1/abX0kbNIEVXkkkYqqmTJXdgZYgZPJHR/15/5jlqrdf8Ahv6+ZzE97p1peSaXZ6jZXWda+0P4cvoimpLObjeZInjkDbAT5qkxtlM5cKfl2ra41MQ+I0utQu7JNFt57WK7IefDOTKspTkyFIjDzyeXHrXUv4p8Px6KmsSa7pq6XI21L43kYgY5IwJM7Scgjr2qBb/w34YWGCbVbOybUpmlh+2X4L3TsRyrSMWfqoABOBtAwMCi2lv6vovyC+t/n/XzPLdOubK+8ReHnm1GWW2tNaQC6tvEs+oWZke1mARZ32tvLqgMbFgN6gf6xgZdN1vW3bXGl1WJb1NO1F723j1e4nmgdSfLbyDGEtSvRdrjeDkb8ZHq8niLRIpruGXWNPSWyjMt0jXSBoEHBZxn5QPU8VHoPiXTfEn25tHmW5hs5xAZ43V45SY0k3IykgriQDPqDQ/e27P8dAWjXlb8G3+p57rWnT2Fnrrwa7rmbPw8uqRbtUmOLrEv7z72cfIP3f8Aq/8AY6V6nayNNZwyv9541Y49SKlop3/r7/6+RNtv66L/ACb+Zzd9/wAlT0L/ALAupf8Ao+xrpK5u+/5KnoX/AGBdS/8AR9jXSUhnN33/ACVPQv8AsC6l/wCj7Gukrm77/kqehf8AYF1L/wBH2NdJQAVy+heLzqP9qSXcIjhgQ3dp5anM1rl1DcnBJMbHjHDJ9Tv6jbS3ml3Ntb3BtpZomjSYLuMZIxuxkZx1rnrf4e6Fpl7bzaBYWekoLeW0u1tbVUN1E6jhmGMsGVSGO7+IfxZpO9nb+v60GraXKXiT4if2botrc6PptzeXV3awXsUbLGAIpJY0IbMi/N+8GMHGfatV/GVpFrX2CWwvkiWeO1lvisfkRXDqGWEnfuLfMoyFK5YDdmsH/hW+pTWSQ3viG3le20+OwtGj04oqLHLHIjOPNJc5iAbBUEHjb31X8HXMmsPK2qRjTJ72LUZ7NLUiRriMLgrLv4QtGjFSpOQfmwcVWl/L/g/5fjbzI963n/wP8/w+Rpvq86+OItGCR/Z3057otg794kVQM5xjDHtWH/wnzW2o3NjcaXdX90+pz2VlBp6JukWONHJYyOqg4djkkDj1xnX1rQr261a11fQ9QhsNQt4Xt2Nzam4ilicqxBRXQ5DICCG4+bIOeOfuvB2uW2q6Nc6RqMP2xLi7ur6+mtA0TSSoq48kSK23gAAPkbRljzmdbff/AOlf5aFPfT+tP89SzrPxFht/D8l9oem32ozDTXv2CQqBaKNwUzKzq33lYbU3N8jccVcPjQwNarcaHqbRzeVEb1I41gM0igqih5A5ySFDBSmTgsMEjPufh7dx6XJa6Jri2Ut5p5sb+4msxM04LO3mKA6hH3SyH+IfN04BqvcfDKWfXrXUH1Kyl+y3NvcQzXGmmW6iEWzMUcxlwkR2t8oTguTknOWt2n5fm7/h/XQJbaf1ov1v8ifSfiLLP4V0m+v9Dv5tRvreS5ezsliLJFGQHlwZcbfmXA3FznhTzjtLa5hvLSG5tZBJDMiyRuvRlIyD+Rrgbz4WC70jSrWW60m7m0yKa2ik1HRluo/JdgQfLaTiVdo+cHB5yuDgd7Z2sdjYwWkAVY4I1jQKioAAMD5VAA6dAAPQU1tr/X9afiD30/r+v8iaubvv+Sp6F/2BdS/9H2NdJXN33/JU9C/7Aupf+j7GkB0lFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFZGueJLLQ1Cz7pbhxlII/vH3PoPeuVl+IOpNJmGxtY0/uuzOfzGP5VjOvTg7SZtCjUmrxR6DRXE2vxDxxqGnNj+9byBv/HWx/Ouj0nxDp2s5WzlIlUZaGQbXA9cd/wAKcK1OfwsUqU4fEjTooorUyCiiigAooooAKKKKACiiigAooooAK5v4j/8AJLPFf/YFvP8A0Q9dJWJ410+61fwD4g03T4vOu7zTLmCCPcF3u8TKoySAMkjknFAG3WL4q0afXdJgtLZolaO/tblvNJAKRTpIw4B5IUge/pVX/hKNX/6ETxB/3/0//wCSqP8AhKNX/wChE8Qf9/8AT/8A5Ko6gZfhvwTqGka/a397c20qxW93bt5RIbYzQLBj5R0it1DH+90yKpx+ANXu9Jj0rUp7KC303SptMsJ7eR5HnD7AskqlV2YESZRWYMWPIwM9B/wlGr/9CJ4g/wC/+n//ACVR/wAJRq//AEIniD/v/p//AMlUXdv68/8ANjMuTwxr99dTa5eLpsGsLNbSQWcNzI9uwhEgw0pjVst5z87DtwvDYNZZ+Het6pcarNrU+n27anb38TLaSSOIjOLfYMlVLbfJbJ+UngjGeOo/4SjV/wDoRPEH/f8A0/8A+SqP+Eo1f/oRPEH/AH/0/wD+SqFo215/jo/yQu39bX/zIvBnhy70U31zqUEUNzdGNcJqt1qB2oDjMtwc9WbChQAO5rP0/QdUtrK0/s+KNdT0G7uY4lvCyQ3kErFv9YFYglSh3ANhlIINav8AwlGr/wDQieIP+/8Ap/8A8lUf8JRq/wD0IniD/v8A6f8A/JVD1YkkkYcHhHxJq39oL4tk0/bqT26TyaddSqwt4i7CIfIvzFjzICuQzYVNoymsfD25Ok6ppekrb3theXdpfC31e9mm8ySORTMkjusjFGSNAM7uSeMVu/8ACUav/wBCJ4g/7/6f/wDJVH/CUav/ANCJ4g/7/wCn/wDyVR6f1/VhmVb6Rd6H4c1iKy8G6DpEt3D5UMehymTz5Wyq+Zi3j2qC2S3OBk8V2GnWn9n6XaWYbeLeFIt2Ou1QM/pWJ/wlGr/9CJ4g/wC/+n//ACVR/wAJRq//AEIniD/v/p//AMlUf193/Dh/X3/8MHxH/wCSWeK/+wLef+iHrpK4TxZqeva94L1vSLPwPriXGoafPaxNLcWARWeNlBYi5Jxk84Bru6ACiiigAooooAK5vxdDqH2vw7f6bplxqf8AZ2ptPPBbSRJJsa0uIsjzXRThpV4znFdJRQBzf/CUav8A9CJ4g/7/AOn/APyVR/wlGr/9CJ4g/wC/+n//ACVXSUUAc3/wlGr/APQieIP+/wDp/wD8lUf8JRq//QieIP8Av/p//wAlV0busaFnYKo6knpWJqHi3TrDAZi5JwuB976d/wBKuFOc3aKuZzqQp/E7Ff8A4SjV/wDoRPEH/f8A0/8A+SqP+Eo1f/oRPEH/AH/0/wD+Sqy7j4g273Jt4HEcg42hGY5/KnWusX87k3JBjIJDKzcfUGuj6pUSu9Dn+uU76al2LxhqUzukXgfX2aM4YCfT+D/4FVL/AMJRq/8A0IniD/v/AKf/APJVRQzFI1WDzHfHJXgZ+tPbVNRtTyrFfRiDSlh3eyY44lWu0O/4SjV/+hE8Qf8Af/T/AP5Ko/4SjV/+hE8Qf9/9P/8AkqpI/ExGPPhXHqjVr2moW96v7l/mHVTwRWUqM4K7RtCtCbsmYn/CUav/ANCJ4g/7/wCn/wDyVR/wlGr/APQieIP+/wDp/wD8lV0lFZGpxtzc6xr3iTw2zeFdU0230/UJLqe4vJrQoqm0uIgAI53YktKvb1rsqKKACub+HH/JLPCn/YFs/wD0QldJXnfgHx94Ps/ht4atbzxZocFxDpNrHLFLqUKvGwhUFWBbIIIwQaAPRKK5v/hY/gj/AKHLw/8A+DSD/wCKo/4WP4I/6HLw/wD+DSD/AOKoAx4T4i0qbxHZWfhi7un1G/lmtbw3FstsA8aKGkzL5gAKkkCMnHQGsbW/C/iS2tYtG0ixuZrS3hsljnsls0juxDs3C5aU+buGw7PLAAyMk87ex/4WP4I/6HLw/wD+DSD/AOKo/wCFj+CP+hy8P/8Ag0g/+KoWiS9Pw0QPW/z/AB1Zxev+F/EeoQ6zY6bpF1HBNFflYruazlti8yvhrZ+J0d3YEiTCAM47LWt4g8M6lLf6pJZaSl3bSQaQsVv5kaLL9nuneRcEgDCEdeD0Gelb3/Cx/BH/AEOXh/8A8GkH/wAVR/wsfwR/0OXh/wD8GkH/AMVQtLeX6Dbv/Xo/0MCLStbttYHiU6FcTCTUZrj+x0mgE0KvbxxCTJk8rfmNiQH6SnknIrF1jwp4rj8I/wBiWGnyAz6ObUy6Z9k/1hMh8id7g7vJUOoXyxn75yOBXc/8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FUf19ysCbTv/W9zEXw1qg0TV3/ALOBnl12LU1tPMjzdRx+Sdu7O3d+7IG4gZUZIHNa3guyv4LnxDe6jpDaSNS1P7TDbvJG7FPIiQs3lsyhiyNkZPPr1qX/AIWP4I/6HLw//wCDSD/4qj/hY/gj/ocvD/8A4NIP/iqadvut+X+SJSsv68/8zpKK5v8A4WP4I/6HLw//AODSD/4qj/hY/gj/AKHLw/8A+DSD/wCKpDC+/wCSp6F/2BdS/wDR9jXSVxNt4j0PxB8U9I/sHWdP1PyNF1DzfsV0k3l7p7LG7aTjODjPoa7agDm9e0/XP+Eq0vWdBtdPu/stldWksN7ePbf617dwyssUmceQQQQOoo+3eN/+he8P/wDg+n/+Q66SigDm/t3jf/oXvD//AIPp/wD5Do+3eN/+he8P/wDg+n/+Q66SigDm/t3jf/oXvD//AIPp/wD5Do+3eN/+he8P/wDg+n/+Q66SigDm/t3jf/oXvD//AIPp/wD5Do+3eN/+he8P/wDg+n/+Q66SigDm/t3jf/oXvD//AIPp/wD5Do+3eN/+he8P/wDg+n/+Q66SigDm/t3jf/oXvD//AIPp/wD5Do+3eN/+he8P/wDg+n/+Q66SigDm/t3jf/oXvD//AIPp/wD5DqKxsfEd540s9X1yx0uxt7PT7m1VbPUJLl5Gmkt2BIaCMAAQHufvCupooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqtqN7Hp2mz3kv3IULH3xVmuZ8eyFfDJQf8ALSaNT9N1RUlywci4R5pJHn1xczXt1JdXTbppm3MfT2HsOlMGS6ois7scKijJY+woAZnVI1Lu5Cqo7muy0jRYtNi3vh7lx88np7D2r59tt3Z7jairI53/AIR/U/sxmKRg9fJ3fNj69M+361StrqW0uo7m3JSaFsjsQR1B/wAK79hXJ+JbMQXaXcYws3ySY/vdj/T8qSlZ6BurM9Nsbpb2wguk4WaMOB6ZHSp6xfCDM3hOxL9dh/8AQjW1X0UXeKZ4UlaTQUUUVRIUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVTv8AVrHS9n2+4WHf93IJz+VXK4rx1/yELHP9xv5irpx55qJFSfJByN8eKNGbpfL/AN8N/hS/8JNpH/P6v/fDf4VwMOOOKvRMo7Cu14NdzhWMfY68+KNHXref+Qn/AMKibxjoSfevW/78Sf8AxNc8JF24wPyqCVlPYflS+qLuP64+x0Z8ceHh1vm/8Bpf/ia1tO1K01W0F1p8wmhYkBgCOR7HmvOJtvoPyrqfAYA0WfHT7S/86yrYf2Ub3NqOI9rK1jqKKKK5TqCiiigAooooAKKKKACiiigAooqvf3C2lhNMzbdqnBPr2/Wmld2Qm7K7OK8ZeLksZDDGd7D7iYyv+8fX2H+Ty1gLnVpjdhmiwcrJIo+b2H61z/iCdpvEF00mSBIVx7Diun8PpN/Y0ImcyI53Inc+g+lfR+yVGklE+c9q6tRuR0c9qsqwCNFEmPmIHNWxZLbwHI3Ej72eAf61HZsY48Nj2xU11OotXLHCjkn2rgu+ZJHc0nFti31wlvMsdkuJ9u5tvAwB+pqrLq/2i1KSQrKf4kP9RWNc3WoSwhxkw7cKQBkrnH1qmnmJIpSZNxUtw2SMdvrVxpq3vEyqO/ukHiW9uvsjPayMkROGRBjZ+PpVPwz4sn0+6SK8lZoi3yyk8xn+orVkMeowuFx5uPnQdHHqK4aeMQzyR85VsCvQpRjKDg0cFWTjLnR9GWF2t7ZpMvVhyPQ1YrivhxqPn6JFbyt8+wsue4U7T/Su1r52vT9nUcT6DD1PaU1IKKKKxNwooooAKKKKACiqGuXElrod3PA22RIyVPpXn8Oq6oVBOp3R/wC2la06Uql+UyqVo07cx6fRXnkeoak3XU7n/vqrC3F+/XU7r8HrX6rUMvrVM7uiuDkN4Rxq18PpMRVKYX3bWdRH0uWFL6rUD61TPSaK8rlfUQDt1vUgfX7S3+Nd14Ru577wvZz3chllZcM7dTg4qKlGVO3MaU60al+U2qKKKxNgooooAKKKKACiiigAoorj4Pin4WubeOe2l1aaGVQ8ckehXzK6kZBBEOCCO9ROpCnrNpeo1FvZHYUVyX/CzPDf/UY/8EF9/wDGaP8AhZnhv/qMf+CC+/8AjNZfWqH86+9Fezn2Otorkv8AhZnhv/qMf+CC+/8AjNH/AAszw3/1GP8AwQX3/wAZo+tUP5196D2c+x1tFcl/wszw3/1GP/BBff8Axmj/AIWZ4b/6jH/ggvv/AIzR9aofzr70Hs59jraK5L/hZnhv/qMf+CC+/wDjNH/CzPDf/UY/8EF9/wDGaPrVD+dfeg9nPsdbRXJf8LM8N/8AUY/8EF9/8Zo/4WZ4b/6jH/ggvv8A4zR9aofzr70Hs59jraK5L/hZnhv/AKjH/ggvv/jNH/CzPDf/AFGP/BBff/GaPrVD+dfeg9nPsdbRWBo3jfQ9e1X+zdPlvBd+S04jutOuLbcisqsQZY1BwXTgHPzCt+toyjNc0XdEtNOzCiiiqEFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABWL4tsH1Dw1cxwjdLGBKgA5JU5xW1RUyipJpji3Fpo8n8ORCW/a76rCMJ9T1P5fzrs0dXXjr6VW1XSItJuXuLSJY7ad9z7eiuep9garCXivl6spUarjI9+KVWCki+5rL1eGO60+SCU439COoPY1I07f3j+dNgF0zC9g0y61SOBxmG1eIO59jK6Lgd+aiEpVpqEN2U4qnFzlsjrtJs/wCz9ItbXOTFEFJx1OOf1q5XN/8ACUav/wBCJ4g/7/6f/wDJVH/CUav/ANCJ4g/7/wCn/wDyVX1iVlY+ebu7nSUVzf8AwlGr/wDQieIP+/8Ap/8A8lUf8JRq/wD0IniD/v8A6f8A/JVMR0lFc3/wlGr/APQieIP+/wDp/wD8lUf8JRq//QieIP8Av/p//wAlUAdJRXN/8JRq/wD0IniD/v8A6f8A/JVH/CUav/0IniD/AL/6f/8AJVAHSUVzf/CUav8A9CJ4g/7/AOn/APyVR/wlGr/9CJ4g/wC/+n//ACVQB0lFc3/wlGr/APQieIP+/wDp/wD8lUf8JRq//QieIP8Av/p//wAlUAdJRXN/8JRq/wD0IniD/v8A6f8A/JVH/CUav/0IniD/AL/6f/8AJVAHSUVzf/CUav8A9CJ4g/7/AOn/APyVSN4m1V1Kv4D19lIwQZ9PII/8CqAOlrh/Hzbb6x/3G/mK8Itvif458N/EvUtB8Fw6hrNhFcssej6gi3UluM/NGHid8BTlQQ5AAGR1r1XxRrerXWnaXea/ov8AY968bb7Q3KzbffcvH4V0YZXrRRhiHalJhFLVlJsVzCaw3ZB+dTrq8noor3XSkeB7SJ0vn1G84xycVz51SU/xY/Cq8l4z/ecn8aFRYOqjYuNQiTODuPoK7X4eSeb4flfGM3D/AM68okuPetxPEnjLw/8AD8z+CfC6a3IZZDJIZsmHn/niMM//AAE/hXHj4KNNep24CblUfoezUV8y/Cfxf408ZfEq9n1+eC/1LT4S1vpOo3slhHEScM6xpC4ZlHHzAEbs89vdvt3jf/oXvD//AIPp/wD5Drxj2TpKK5v7d43/AOhe8P8A/g+n/wDkOj7d43/6F7w//wCD6f8A+Q6AOkorm/t3jf8A6F7w/wD+D6f/AOQ6Pt3jf/oXvD//AIPp/wD5DoA6Siub+3eN/wDoXvD/AP4Pp/8A5Do+3eN/+he8P/8Ag+n/APkOgDpKK5v7d43/AOhe8P8A/g+n/wDkOj7d43/6F7w//wCD6f8A+Q6AOkrkviBqBtdPtIFOPOl3N7hf/rkVZ+3eN/8AoXvD/wD4Pp//AJDrmfGq6neNY/2lDa2twqNmKK53p1H3XZVLf98j6V1YSKlWVzlxcuWi7HMX2ii48RSSytttD++lkzjAPOPxrcs7mPO+LiPAWNQOFWmXEF1/YsKbNzgASKvJx2rnL5tQtJES1hnjXqcIcZr3WnUXLc8KLVN8x3CXNR399ttJEH3mjcg+mBXNafrUjqI7yN0kJwDsODWt8t1HIjgg+UwDY5Ga5/ZcstTo9rzR0MWDXLq3YlJS2Rj5+cfnSPfmeVJpCRn5W8sAHNUdUsxY+WYi7qwwSR3p+jpM14GG4Ioy2B19BXTyRtzI5+eV+Vl2aO4sFjuc4BIIPcH3FVNZsWvUXULeIrIx2zxf3W7H6Gtm58y4UK0TEA5GFPWiziumvlR4GNvIpWTcpGPQ0oSa1CcUy34fuZNL1DRI3YqcbXGeu84wa9WrxyaG5OurLJ5cSpMuwNIOgPGB1r161aV7WNp1CSEfMo7V5ePjqpHqZfLRxJaKKK8w9MKKKKACiiigDM8R/wDIt33/AFxNebwP8o+lej+JTjwzf/8AXI15fDJ8o+lejgvtHnY77JqxyYq0k2KyklqZZveu9o8+5omaoJJc1Ua6RR8zgfjVWbUo1ztyxoUG9gckty1K9dr4H/5E+y+h/ma8tudQkkyAdo9BXqPgT/kS7D/dP8648dFxjG524GSlKVjoaKzY/EOkTa62jQahBNqSIZJLaJ97xKCBlwPu8kdcZrSryz1AooooAKKKKACiiigAryDwT/yT/wAPf9gu2/8ARS16/XkHgn/kn/h7/sF23/opa+H4w/gUvV/kerlvxyNp3WKNnkZURQSzMcAAdyaI5EljWSJ1dHAZWU5DA9CDWJ4ra6l0uPT9OjSS5vpli2SSmNTGPmkywDEAqpXODywrATU7nSdJtbbVJotP/srVkiujHcHyo7ZwzR5chcoA6JkgDKn0r4WlhHVpqSet9vLv9+h60qnKzuGuIVuEt2lQTOpdIyw3MowCQOpAyMn3FSV5lZ3f2zxfBqUN3LcTMmqJYb7pxHKweMxoq52sCpYgYOQAf4QRt+DryO41HZp2pXGo2xsY5LtprhpvKuS3K5Y/IxGcxjAXA+UZ52rYB04c19lrp5tfp82Sqq5ref8Al/n9x1gvLYwyzC4iMUJYSuHG2Mr94Me2O+elSI6yIrxsGVhlWU5BHrXDTarY6bpHiTSL67ig1G4nuTb2jtiW4EoyhjTq+d2PlB5BHUGs4XbW2v3lo+sXUeqW1xYxWOnrcsEcGKLzQI84dSC27IOwfN8pOS45e5Xs/TTdaa+mur7BKso/j+H+Z6RJcQwyRJNKkbzNsjVmALtgnA9TgE49AaJriG2jD3EqRIWVA0jBQWYgKOe5JAA7k15tcXtufEOmy3Wo3j6zHql2Z7GOdpDFGsM4jKwn5V+QJtIUb85O7NZF1qNtqMM0R1F209WsrpnTXZbkpi6QO0jcCFgrgsqkqpwR0BraGVuTWrtpfTza0118u/kTKvynslFefQ6hqDfENoGvoUkF9sW2fUZiz23lZGLYRlMfxebuHzcE/wANaHjC8jt9RVNQ1K406AWMj2bQXDRGa5BGF+UjzGAxtjOQ2T8pxxyvAyVSML/Er/13NFVTT8tPxt/XkdSl/ZyX8ljHdwPdxKHkt1kBkRT0JXqAfWrFcj4JtnTUvEFxc+cLqW7i85HmdlVjbQs2FJIHzMRx2wOgAHXVz4inGlU5Iu+i/FJlQk5K4zQv+Sp6b/2Bb/8A9H2dejV5zoX/ACVPTf8AsC3/AP6Ps69Gr9X4b/5FVL/t7/0pnz2O/wB4l8vyCiiivoDjCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooJCqSTgDkmuN1PV5takeG2kaHTwdpZDhp/wAey/zrWnSlUdkZVasaUbsk8YeIYVsW0/TrhJrmRtsiphtq/wAQJ6A8Y9axbcebCslnP+7PQMN2Pb1qS703Nun2NVR4jlVxgH1FY8dubm+wiSW8icyspKMPbI9aeMyali6aalaS69zLC5xUw83eN4v8DWmRkiZ7q42xqMnaNorR8F6/GvmadfTJECxe28xguVJ+7z374965e5iW1uT5webdzEzsXOfTmovs5O57hRufjb12j0qsBkdPDRk5SvJ/gGMzmpiJJRjaK/E9iorzfQPFE+jzpb3kjTWBOPmOWh9wfT2r0dHWRFdGDKwyrA5BHrSr0J0ZWkaUa0asboWiiisDYKKKKACiiigAooooAKKKKACiiigApGUOpU5wRg4JB/MUtFAGfo+g6V4ftPs2iafb2MROWWGMKXPqx6sfc5NcR8TI7S9ubVXvooXjBBDmuz1vVU0632qw89x8oz0968k1rQbrWNSe5n1CPB4VSpOB+dVGThJSjuTKKnHllsZq6dar01a2/M1ILO2H/MVtvzNRnwdIP+X1D/wA/wCNUdR0NdMjRp7rO84AWP8A+vXT9cr/AMxzfU6H8ppfZbf/AKCtr+ZpDZ25/wCYra/ma57y7b/nu/8A36/+vWvbeGHurdJortNjjIyn/wBej65X/mD6nQ/lJ20+3b/mLWv5mvVPh2tvb+HRbw3STvvZyU6cmvKf+EQm/wCfpP8Avitzw1bX/h2882K7Vo85KYPWs6mIqVVabuaU6FOk7wVj1i50PS7zVLbUrmwge/tTmC62ASx5BBAcc4IJBHQ1fqppmoxanZrPCeejL3U1brA3CiiigAooooAKKKKACiiigAriPiTp7XMOmTqOFuPKbHo2P8K7eqWr2aXulyxSDOMOvsVOR/KtqE/Z1VIxrw9pScTx99W8nXpy5JgLGJl/2Rxmq+sSXVkP3dzLsPzRSK5wymszU91vrF1G/BErfzq3Z30Fza/2fqJPksf3cveJv8K+n5bWZ8xzX0G6ZqF+8u+S8nKL2LnBNdBZahNI8gaVjiJiMn0FYFxbyafL5UgAXGVZfusPUGrWkzb7tkz96Jx/46aiSvqXF20F1TVL0WwaG4dcNzg0y0v9Q+zq0l1Jlmyct2qqZ+oNNM+elO2lhX1uab6lcH/lvJ/30alurqSwsDHJIxubgZYE8ovp9TUEYj0uBbu+Aa4YZhgPb/aasS5vHuJmllYs7HJJojG4OVjo7W3m1XxXobxgnz/LkkHb5Dlv0Fe01wvw80tXs7fUZRlo4Skee245P6Yruq8PHVOapyroe3gKfLT5n1CiiiuA9AKKKKACiiigDI8Vnb4V1A/9Mv6ivDk1CbOPMb869u8V3VnDoNzFfSFElQjI7e9eMmHQdxP9pN/37Nd+DxFOjzc63ODGYepW5eR7Al9KesjfnUgu2PVifxpoTQh/zEm/79ml/wCJJ21Rv+/Zrv8A7QodmcH9n1+6A3PvUbXHvT/+JL/0FG/79GkK6If+Yo3/AH6NH9oUezD+z63dFWSf3re1vwR418W/D+yXwj4ubTYfJIfTyvlLLzz++T5+f7pyKyTDoR66o/8A37New+Dbiybw9b29hL5ixJ1Pf3rixmJhXSUOh3YPDToNufU8X+CXgfX/AAxqusaLrs+teGtTnKzR3FrFayw3ka8FRJJDJ8yk5wG6NnHBr2T/AIRfV/8Aoe/EH/fjT/8A5FrpKK849A5v/hF9X/6HvxB/340//wCRaP8AhF9X/wCh78Qf9+NP/wDkWukooA5v/hF9X/6HvxB/340//wCRaP8AhF9X/wCh78Qf9+NP/wDkWukooA5v/hF9X/6HvxB/340//wCRaP8AhF9X/wCh78Qf9+NP/wDkWukooA5v/hF9X/6HvxB/340//wCRa4TwT/yT/wAPf9gu2/8ARS16/XkHgn/kn/h7/sF23/opa+H4w/gUvV/kerlvxyNyiiivzg9sKzdP12x1GyubuOTyoLaRkkklIVQFGd+c42lSGB9COlTast1JpNzHp/8Ax8yIY42yPkLcbuf7uc/hXI3nhLUdP0nVtP02e61OG/0h7ZPPMKeVIilY1G1UGGDkZOfuDJrsw9GlUi+eVndW/Xy2/IiTkmrI6uLXdIntbm5g1Sykt7UkXEqXCFISOoYg4X8aoQaxoMF8lxZXEMq6wzyteRTq8LGJVTlt2BxtXjuPWszU9I1OLUb2403T45Y2tLGKJQIyQY5ZC5jVyFDqrKVLYXOOuMVk2+hX6tc3Ov8AnWtmz3jzXd9Lbq6JJBEqs/lHYCCrDj+7nvk9dPDUGm+fR9Lq+17W66/itjFzndKx2Oo+JdK0zULKzuruJZr25+yovmqNr7N+GBII42j1y6+tPHiDS0t7OW7vrWzN6dtuk9zGDKc4wpDEMeR90nqKwbbTtSl07w5qElu0919v+23qoVVlEkUiZ+YjIXegx1wvAJ4qrpmj6ppFvELjQ/7U+06clo8BmiCwsskhIk3NjYwkGSoY/KeDxU/VsPy25tV5rXV7X26PXcrnm9UtLHXx6tp02pyabDqFrJfRLuktVmUyoOOSmcgcjt3FXK5DTtN1SHxSjLYXFvZJcTzOJ3t5bdd+754GA85XZmyQ2FALj+7XX1xYinCnJKDvdd7/AJf8H1ZpCTle4UUUVzljNC/5Knpv/YFv/wD0fZ16NXnOhf8AJU9N/wCwLf8A/o+zr0av1/hv/kVUv+3v/SmfN47/AHiXy/IKKKK+gOMKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOe8XXjx2UNjESrXjEMR2Qct/MD8ax4AqqFUAADAA7V0mt6J/a4haO4NvNDu2sU3ghsZBGR6DvWYvhW/Xpqlv/wCAbf8AxyvRoVaUadm7M83E0atSpdK6K5YbaoXwja2kEzbEKkM2cYH1ra/4RjUP+gpb/wDgG3/xyo38J3sikPqduQeoNk3P/kSto16Sfxfn/kc31Wt/L+RzMSRR2iJbv5kYGFbdnP41Wmrqv+EKugoVdTt1UdAtkQB/5EqJvAly/XVov/AM/wDxyt44ugvtfn/kL6rW/l/I4yTlq7jwHqvnWcmmTNmS3+aLJ5MZ/wACf1qsfh7OTzq8f/gIf/jlbHh7wpHody9y9y1zcOhj3bNihSQcYye4HessXiKFWlZO7OjDUK1OpdrQ36KKK8Y9QKKKKACiiigAooooAKKKKACiiigAooooA4/VPBWoalqU90deCLI5KIbTdsXPC53jOBxVP/hXd9/0H1/8Av8A7ZXeUUAcH/wru+/6D6/+AX/2ymS/DO5mx52txPjpusc4/wDIld/WfrupnRdAvdRW3kuXt4WeOCJSzzPj5UUDklmwB9aAPLNJ8P6frPjHW/DlprcBvNGERn/0AYbeM8fvP4eAfQmumT4b3caBY9djVR0Asf8A7ZXiXgTQfH3gr4uL4l13TpJRdIlxrSQuJHhhupJQHdRz8rwlzjOAozivqqgDgZfh3qXkv5GvxGTadgeyIXPbOH6Vk+HfDV7rdvNFdautjqlk4ivbJrTcYXxkEHf8yMOVbuPQggeqVz/iPQ7m4uIda0Bkh1uyQrHvOI7qInJglx/CeobqrcjuCAM8N+GLvQryWWfVRdxyR7fKFv5eDkYbO4+4/GujrN0HXLbX9MF3bLJC6sYri2mGJLeVfvRuOxH5EYIyCDWlQAUUUUAFFFFABRRRQAUUUUAFHXrRRQB5d458Is873Vmv70DIXH+tX0/3h+teccqcdCK+k7i2iuoTHOu5T+lcbrfw4tNSkMsMnlyH+IcE/X1r28LjoqPLUPExOBlzc1NHmNlrHlw/Zb6P7RanoufmT3U1qaXYD+1IbiwnW5tiSG7OgII5H49asap4GbSCWu1vniH8cEIcY+oPH44rMs77StOvI2tbe4dwwBkmk27fXgV6KlGavDU85xlB2noVLezu7y5eK3hZipIZjwF+pq4biz0b/VMt5e/3+scZ9vU1Z1TX5EvbmyvrZJoBIcBSUOO3IqCx0ux1aQCystTLE4IhQSKPqe1O+l5bCSbdo7mLcXU11M0s7l3Y5JJrS8P6DPrV4vysLdWAd/7x/uj3/lXVQ+AbK1vtPg1SSeJ79mSFZMY3qpbYSvAJUMQM87TXoul6FaaVGqwIMqMDjAX6CuOtjqUI2hqzso4GrN3mrIl0iwXTtNjgVQpA5A7e1XaKK8CUnJuTPfjFRiooKKKKkoKKKKACorq5jtLd5pjhVH5+1S1zHivRtc1eaFdKntEt0X5kndlJbJ54U9sUAcj4sju/ER2rdpDGTllIzn0FcqfBkg/5fo/++DXbf8IR4o/576X/AN/pP/iKT/hCPFH/AD30v/v9J/8AEUAcQfB0g/5fEP8AwA/41izW1tBM8TXLkocEiLj+deo/8IR4o/576X/3+k/+IrAvPCc9n4l0/Q7l9F/tHUkllgj3uSyxgFifk468euD6UAcdBa29xcJClyys5wC0WB/Otf8A4RCb/n6T/vg11y/DLWVYMsejAg5BEj8f+OVb/wCEI8Uf899L/wC/0n/xFAHDf8IhN/z9J/3wa6DwxHfeHLgOtyskYOQmCPqK2f8AhCPFH/PfS/8Av9J/8RR/whHij/nvpf8A3+k/+IoA7+x1K2vreOSKRQZBwhbnPfirdeS+IfhFf+LfDt3puuT2SSKhlsLiB3ZobgYwTlR8pGQfw7gY8x+EPhXxDDqupXPiO68SC20a6+y3dhpuoSRyRsADuZFO6SPHZDu6YDA0AfVFFVNM1Ox1ewS70u6jurdvlDxtnBHUHuCOhB5B61boAKKKKACiiigArwfwf4w8NW3gfQoLnxFpUM0WnW6SRyX0asjCNQQQWyCD2r3iivHzXKoZnCMJyceV30OnD4h0G2le55B/wm3hT/oZtH/8D4v/AIqj/hNvCn/QzaP/AOB8X/xVev0V4H+p9D/n6/uR2f2lP+U8g/4Tbwp/0M2j/wDgfF/8VR/wm3hT/oZtH/8AA+L/AOKr1+ij/U+h/wA/X9yD+0p/ynkH/CbeFP8AoZtH/wDA+L/4qj/hNvCn/QzaP/4Hxf8AxVev0Uf6n0P+fr+5B/aU/wCU8g/4Tbwp/wBDNo//AIHxf/FUf8Jt4U/6GbR//A+L/wCKr1+ij/U+h/z9f3IP7Sn/ACnkH/CbeFP+hm0f/wAD4v8A4qj/AITbwp/0M2j/APgfF/8AFV6/RR/qfQ/5+v7kH9pT/lPIP+E28Kf9DNo//gfF/wDFUf8ACbeFP+hm0f8A8D4v/iq9foo/1Pof8/X9yD+0p/ynlfhHW9K1n4p2X9kanZ3/AJWi3vmfZbhJdmZ7TGdpOM4P5GvVKKK+py/BxwOGjh4u6jfX1bf6nn1qrqzc31Ciiiu4yCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKzda1+w8Pw20mpNcf6VN5EEdtaS3Mkj7GfASJWb7qMc4xgVpVzfij/kYvBn/AGGpP/TfeUAH/CeaR/z5+IP/AAnNQ/8AjFH/AAnmkf8APn4g/wDCc1D/AOMUzUPGv2LUtStbfw9q+oR6WFN3c2pt9iZQPwHmV2wpzwp9s0n/AAmxudQuLbRfDmr6ulusTPcWrWqJ+8jEi4E0yN91h2pXuBJ/wnmkf8+fiD/wnNQ/+MUf8J5pH/Pn4g/8JzUP/jFX7jxDaWmr6bplyksd1qKsyJhT5W1c4cg8Z5AxkEg81oXd3b2FnLdX1xFbW0Kl5ZpnCJGo6kseAPc0/MDA/wCE80j/AJ8/EH/hOah/8Yo/4TzSP+fPxB/4Tmof/GK0IvFGgTrZtDrmmyC+O20KXcZ+0HJGE5+bkEcZ5FSW3iDRr1LxrPV7G4WwJW7MVyjC2IzkSYPyYweuOhoAy/8AhPNI/wCfPxB/4Tmof/GKP+E80j/nz8Qf+E5qH/xiiX4geGEn0mODWbG7XV7trS2ltrqJ0MioWIJDf7q8ZO50GOa1rfXNJu767s7TU7Oe6sv+PqCK4Rng/wB9Qcr+NAGT/wAJ5pH/AD5+IP8AwnNQ/wDjFH/CeaR/z5+IP/Cc1D/4xWtpWt6Vrtq1zoep2epQI+xpbO4SZVbAO0lSRnBBx71jReOrOWaKQabqKaVNOLeLWHSMWzuW2Lgb/MCl/lDlApJBBwQSdbB0uP8A+E80j/nz8Qf+E5qH/wAYo/4TzSP+fPxB/wCE5qH/AMYrSk16zj8SxaGd5u5IDOCANijJwpOc7iAxAx0Rqyx4xnn1K9tdN8L6zqCWVybaW5he0WPeApOBJOrYAYfw0buwbf18ya08baPeana2CrqkFxeO0cH2zR7u2SRgjOVDyRKudqMcZ/hNdBXN+KP+Ri8Gf9hmT/033ddJQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAc3Y/8lT13/sC6b/6Pvq6Subsf+Sp67/2BdN/9H31dJQAUUUUAczr+l3un6g3iTw3D5t6qBb2xBwNQiXoB2EqjO1u/3TwQV2dI1az1zSoNR0yXzbadcqcYIIOCrA8hgQQQeQQQau1yOrWlx4U1SfxHo8TzafcHfq+nxLuJ7faYlH8YH3lH31H94DIB11FRWl3b31nDd2UyT286CSKWNtyupGQQe4IqWgAooooAKKKKACiiigAooooAKKKKAAjPWqGqR6ZDp895qkMH2e2iaWV5EBCIoyT+ABq/XDfFrSfEHiXwcfDfhaNVm1WURXN1K+2O3gHLknqSeFwASQT6U02thNJ7jfhjrmi+PfCi+ILWxiileeSKWFgGMLK3A/FSp/Gu6VFT7ihfoK8N+BHhDxH4F1fUreZkv9A1Ce5gW4iODDcW08kOWQ/dDhGORkcKCc17nTlKUt2KMYx0SM7XtJXW9HmszIYJTiSCdRloJVO5JB7qwB9+neo/DmsNrWkiW4iEF7A7W97bg58mdOGUeo7qe6sp71q1y+qY8N+KYdbXK2GptHZ6iP4Y5PuwTH05Plsf9qPstSUdRRRRQAUUUUAFFFFABRRRQAUUUUARXVzDZWk11dSCKCBGkkduiqBkn8q+S9d1zxb/AMLosPiLqmjahZ6XDcK8KyxENFYKwjYsvVQVkPJGCXOK+ua5mGNLz4maqsqK8Vvo9tEVYZB82WcsCPoi/nQB0wIYAg5B6GimxxpFGscShEQBVVRgADoKdQAUUUUAFQRWVtBeT3UMCJPchfOkUYMm0YXPrgHGfT6VPRQBg6p4Vgur5tT0m5l0jVmA3XdsBibHQSxn5ZB25+YDowqtH4pudGlW28aWsdgCdqapASbOU9BuJ5hY+j/L2Dsa6emuiSxtHIqujAqysMgg9iKAFVg6hlIZSMgg9aWuTk8L6hoEhuPBF1HBDnc+jXZJtH9fLIy0B/3cp/sd6u6R4ttNQvf7N1CCbSNXAJNhegKzgdWiYfLKvupOO4HSgDfooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArm/FH/IxeDP8AsNSf+m+8rpK5bxnMbPUPC9+1teT29nqzST/Y7SW5eNTZXKBikas2NzqM4/iFAHNeIPDN3deJfEbzeHtfv4dSWNbebTtZFrAQIAhEifaYyfmBzlG49elRr4b1Oy12/l1XQ/EeqNNHahbrRNaFnFIyQIjkoLqHncp5K9K67/hPNI/58/EH/hOah/8AGKP+E80j/nz8Qf8AhOah/wDGKSVger/r+uhh6x4R1jW5tR1qK9vtPvEWA2GnE27JIbfEsYlcq7AmUsDtccYzmug8U2V7qehWklpZmae2u7e9eyZ1DSiNw5jBJ27uOMnbuAyQOaj/AOE80j/nz8Qf+E5qH/xij/hPNI/58/EH/hOah/8AGKf/AA/zAz9O0i/vPGR1mXQl0WOXTriAZkiaVZHlQ7n8skB2CknaWHAy2eBzegeE/Eem6NOsun3d1d2Wlx2MMOpyWUlvPtcE+UkSKWA2koZmU5bBAyxrtP8AhPNI/wCfPxB/4Tmof/GKP+E80j/nz8Qf+E5qH/xihaKy/rf/ADYbu7/rb/JHIaVoHiZfE1vqt9YancRrrEVyzX8tkLjyzaSQMWEDCPCsynjkqeMkYpml+C9Yha6ttSstSv4rezvoFW4vLSK3uhO+dkbRx+d8/UmQjawH3uo7L/hPNI/58/EH/hOah/8AGKP+E80j/nz8Qf8AhOah/wDGKB3e/wDW7f6lbwXY6xFLqUusQ3kccwiSF9TFp9sbaCDua1+QoMjbk7s788Yrn7ux8VW3hSz8IQeGpLyztEit5tQjuoAJYY3j2vEruCZCgOVcKAc4Y4G7qf8AhPNI/wCfPxB/4Tmof/GKP+E80j/nz8Qf+E5qH/xinfW5K0VjEvvCWszahceJIr28+3x6il1BpS/Z/KeOP90F3ldwZoi5/wBYADJyOuaceiXll4k1m5uvDXii8+0ak1zBNpmuLbwMmxAMxfa4xnKnOU5966f/AITzSP8Anz8Qf+E5qH/xij/hPNI/58/EH/hOah/8YpLR6f1t/khvXf8Arf8AzE8T8+IvBnGP+JzJx/3D7uulrib7XYPEHijwrHptjrH+i6nJPPJc6Nd20cafYrlMl5Y1X7zqMZzk121ABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBzdj/yVPXf+wLpv/o++rpK5ux/5Knrv/YF03/0ffV0lABRRRQAUUUUAcfMh8Cag93Cv/FM3Uha5iA402Vjkyr6QsfvD+And0LY69WDqGUhlIyCD1odFkjZJFDowIZWGQR6GuQtJG8C6jDplyzHw5dOI7Cdzn7BIeBbuf+eZP3GPQ/If4aAOwooooAKKKKACiiigAorkvGVvfXepadHbm7vLOOOWS50zTNS+xXcxygSRWDx7lXLAqXUfMD8xAFcjHrut6fqFpNZ6vLPbWGi6pJJZ6lbv5wkhkTbHKwl2u6ZRfM+bcA5BPmZCurXfn+F/8iuW7sj1uiuI1TxpqFlOYIILZpJdOs5YC6MQs9xP5ILYP3ASDgYPB55rDn8VeI9B1jVLK9uobq9uNTht4p7fTrm6hgj+y+YWW1jdpMnbjaHxk7iccU3p/XZ2JWv9eVz1OivNpvG/im4s5ZbO1sbB7PRjqVzHqFlOHkdHkUoqFkZFby9wZgSoIyrZ42PAt9qmo6t4om1C9We2Gox/ZYRGwMCtbQvtyXYYw44AHzbm/iwGtb+X+dvzv9wbf15X/VF3wH/yLt1/2GtV/wDThcV0leQeHrT+z/hfc+LLbUNSTU7e/v7gKdRnaCZhezDyzAWMfz/d4XOW3Ahua25fG+t3Xia8sLC1ZbVLmWxU/wBj3UnkssZIna4BERUScGPKnHO4His1NON12v8A19/9Ipxs7M9Eqvf2NvqmnXFjfRiW2uY2ilQ/xKwwRXmVv4w13RvhnoF5LqtjcXf9jreTeZp11eTzjZkbkjcmNccNOxKlj90dKsweJdSvPGEX2VJMLqEyraLdPtn/AOJbHKqNuYqPmbsAo64zknRqzku3+die3mdb4Vv7hoLjRtVlMup6SywzSN1uIyMxTf8AA1HPo6uO1b9eW2uuam2oP4ivnge60mFPt9vHplzYzGzkLeYDFMW3+Wyb1kRiG2yKAM5PqEciTRJLE6vG6hlZTkMD0INDVgHUUUUgCiiigAooooAKKKKACub8O/v/ABb4sueuy8gtVPsltG/85W/Wukrm/BP72y1e8/5+dZvD/wB+5TD/AO0qAOkooooAKKKKACiiigAooooAKo6xomna/Ymz1e0juYdwdQ2QyMOjKw5Vh2YEEetXqKAOT8vxH4V5hM3iXSR1jdlF9bj2Y4WYD0O1/dzxW5o+vabr1q0+l3SzCNtksZBWSFv7rocMjezAGtCsTWfC1lq10l/FJNp2qRrtj1CyYJKB/dbgrIv+y4Ye1AG3RXLf8JDqfh0iPxhbK9pnC6zZITCB6zR8tD/vfMnqy9K6aCeK5gSe2lSaKRQySRsGVgehBHUUAPoopCAykMMgjBB70ALRXn+hxtLq+m+F2X9z4dnmlkHby1AFqv8A3xKD9Yq51vFHiKLR7OHRxNAIrS9vWeyjsYo2ZLl1HmidkURADLmPDfMCSOpLrTz/AK/Rh1t2/wA/+Cj2KivLtS8c6zpetCC6nEcNhcrfaiGWM7bCQRKo3DoFeZzuGSRbtzzz3fhee+u/C9hd6qzNdXUXnurKFMYc7gmAAPlBC+vHPNO2l/6/rdeqYr/1/X3/ADRrUV5t/bOoL8RRrTaXeDS2vP7IF+WhEHkn5AceZ5m77T8udmMHrUlrreuprEF9ca1JJaS+IbjSzYm3iWJYVEu1twXfvBUc7sYGCM5JlPb+u3+aG9L/ANd/8mei0V4rrniTVLzSb62nvtQvtO1PR5r2C4u7a2ghl2yw7Wt1jPmqmJDxNlsBeepPRa5qOqano/izSpb2aIaVYXguJFijzL5mXgxlSOIgQcdcg9eaJPljzeTf3FJXly+aX3npFFeW2mo6jZX39l2+oGJrldLtG1E28PnRh4pSWyE2sxKhV3AqC3A7Gzr2r65pkLC18Sz38GmQSy3lzp0Vk8sW12w11C5GUVVIPk7GJV8AcAU1aTj52Ii+ZJ9z0mimxOJYUkQ7lZQwOMZBp1IE7q4UUUUDCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5ux/5Knrv/YF03/0ffV0lc3Y/8lT13/sC6b/6Pvq6SgAooooAKKKKACoL6xttTsJ7K/gS4trhDHLFIMq6kYINT0UAcro13d+HNSh8Oa5PJcwTEjStRlJZplAz5Ep/56qBwf41Geoauqqlq+k2muaXNp+oxl4JQM7W2sjA5VlYcqwIBBHIIBrI0HWLu21E+HfEcgbUo0Mltd7Qq6hCD98DtIvAdR0JBHBGADpKKKKACiiigDM1jw9p2u+Q2oRziW3JMU9rdS20qAj5gJImVtpwMrnBwMjgVXj8H6HGbQpZHNok0aEzyEyLL/rRId373cQCd+7JG7rzW3RR5DuznbTwJ4esoLiKOzmlW5t1tpDc3k07GJTlUDSOSoUnIwRtPTFNTwD4ejtJoEtroGe4W5kuP7QuPtBlVdgcTb/MDbflyG5GQeK6SigRjReEtEhtpLeKxCxSWP8AZ7qJX+aDLHaTnrlmJb7xJ5NWdO0LT9Ju7q40+F4ZLvy/OHnOysUUIp2klQdoAJABOBnOBWhRRsB5/wCBvB+jyabJeTR3crQa3qLRQS38726FL+cIRAXMeRgEHbncN33ua6g+E9GbXjrDWrm7L+YQbiTyvM2bPM8rd5e/b8u/buxxmqfgP/kXbr/sNar/AOnC4rpKNlYN9Tmn+H3hxrO2tRbXaQ20Jt0WLUbhN0JOfKcrIC6DJwjZUAkAAcVPH4I8OxrtGmq65YlZJXcNugEByGY5zEoXn69ea3qKO/mHW5k6P4Z0vQjM1jHcPJMqo8t3dy3UhRc4TfKzMFGT8oOMknHJrM8Ls2hardeE7hv3VuhudKY/xWpbBj+sTEJ/utH611NYPivTLm7sIdQ0ld2q6XJ9ptFzjzsDDwk+jrlfY7W/hFAG9RVTStTttZ0m21Gxcvb3MYkQkYIz2I7EdCOxBFW6ACsjxTql5o/h24vdNtTdXCFFVfLaQIGcKZCifMyoCWKryQpGR1GvVHWLCfUdNeCzvpdPuQyyRXEQztZWDAMuRuQ4wy5GQSMjqExrc4WXx/q9rpEt3ZPpHiqIX9nbx32iNGsZ82UI8TRtcMVkAIwd+CZEyAAxrqk8XWEghIhuR52pvpYyq8SpuyT833fkPPXpxWTe+B9S1X7TeanrNmdVkNr5U9tpzRwoLebzkDRmVmclsg/vBx0AOSXjwPef2xHIdYh/syLVG1RLQWR8wyOrBlaUyYK5diAEBHHJxT1/r/t39Lie2n9aP9bFaT4lRDVrV30+6tNFks7q8+3XMSkXEUQUh4tjk4IOcOoYgrgVef4gW8NuPtOiavDftcx2y6cyQmctIjPGcrIU2ttYZ3YBB3YwcZz/AA1nureHTr/W1l0e00+fT7W1jsgrrFIqqC7lyHZQoAO0A9wal0f4cppn2V/M0m3lh1CO8YaVo6WUbhI3QKVViSSXJ3Fj6ACj/gfnr+APy8/y0/El0/x3PqvjHTdLtdHuorW4trtrp5/KD200EqRlWxKRgEnO0NnehBxuxmW2vXHh34L6XrFrPZ20l28ErXF8paGJbq4BaRwGXgCUt94fWrGq+GZPDcGo+JYdSVvsdvqlxLE9ufmSbEu1SH+Uq0a8kHIzwOo2f+EY+1+CNF0fz/s/2H7DJu2bs/Z3jfbjI67MZ7Zzz0oWqjfyv9+v4D0UmY2kePcX16b3XdE17TLSwe8n1DRIGVbQoR+7cebKCzgkqAQfkbg541h45gFlI0+j6nBfpPFAumSiETyNIMoVPmeXggNyXH3WHXik1bwPDqV/qrxXZtrLWrNrfUbQRBhLJt2pMpJwrgcHIIYBQfuis20+HL2egXdjBJ4ehlu5o2mjg8ORJZzRqMbJIN+58kls+YMEDGBkE6f13/y/q4uv9dv8/wCkjYTxrZ+Tdtc6fqNpLZ6e1/PBcQqrqis6lfvYLZjbBBKkEEMQc1h23xA1K58aW+lw6X51jPqLW3nIFDRxizinBbdIPmzIc4B+VcAZ6tX4Z3ltpz2uma5b2ourKayux/Z5ZBHI7OBbp5gEIUyMFU7wBgds1ftfAUtlq8OoW2rKJI777UQ1rnKG1S3ZB8/DYTcG5AzgqaI9b/1r/lYJdl/Wi/W5q+HvFMfiI74NL1G1tpIRPa3dwieVdRk8MpR22nodrhWwenBxu1yXhnwVLoWvXGq3V1YSTzQmJzp+mCzNySwYy3GHYSyZHDAKBufj5uOtp6WDqwooopAFFFFABRRRQAVzM/hSXTZ3vPBt0mlzOxeWxdC1ncE9SYx/q2P99Mc8sG6V01FAHP6f4sia+i0vX7ZtG1WTiOGZw0Vwf+mMvCyf7vDjuoroKrajptlq9hJZapaw3dtKMPFMgZT+B/nXOHTvEHhg7tDmfXNLHXTbyb/SYR6QzN98f7Mh/wCBjpQB06WlvFdS3UdvElxMFWWVUAeQLnaCepxk4z0yao3PhrQr2G3hvNF0+4itZDLAktqjLC5OSygj5STzkd6boniTTdfWRbGVkuYCBcWc6GOe3Po8Z5Hseh7EitWgCpcaTp14bg3dhazm6iEE5lhVvOjGcI2R8y/MeDxyfWrYGBgcCiigCu+n2cll9je0ga1/54GIFOufu4x15+tNGmWA24srcbZzcLiJeJTnMg4+8cn5uvJq1RQBjxeD/DUEs8sHh3SYpLjd5zpYxgy55O4hec981YstHitGvmlmlvHvpTJM1wEPy42iMBVA2hRgDGepJJJNaFFAGavhzRF0+WwXRtPFnNGsMluLVPLdF+6pXGCoycDoKik8JeHJo7JJvD+lyJp//HmrWUZFtyD+74+TkA8Y6Vr0Udbh0sFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHN2P/ACVPXf8AsC6b/wCj76ukrm7H/kqeu/8AYF03/wBH31dJQAUUUUAFFFFABRRRQAVl6/oUGv6eIJZHt7iFxNa3cWPMtpR911z9SCDwQSDkE1qUUAYPh3XZ72SfStbjjt9bsQPPjT7k6HhZ488lGx9VOVPTJ3qxfEegNq0cF3p84s9YsSXsrvGQpP3o3H8UbYAZfoRggESeHtdGtWki3EBs9RtWEV7ZO2Wgkxnr/EpHKsOCD9QADWooooAKKKKACiiigAooooA5vwH/AMi7df8AYa1X/wBOFxXSVzfgP/kXbr/sNar/AOnC4rpKACiiigAooooA5SyP/CM+M5NNb5dM1x3ubM9orrBaaL/gYBlHuJfaurrM8Q6Muu6LLaCU284IltblRlreZTuSQfRgOO4yDwaZ4b1ltb0VLi4iEF5EzQXluDnyZ0OHX3GeQe6lT3oA1qKKKACiiigAooooA5v4hfP4B1S3/wCfxFs8evnOsWPx34rpK5vxr+9tNHs/+fnWbP8A8hyif/2lXSUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHLeK/FeoaFrGm6bpWlW1/NewXE7Nc3rW6xrE0S4+WKQkkzDsOlZX/CbeK/+hZ0f/wAHkv8A8i0eNv8AkoHh7/sF6j/6Ns6ir4PPM8xmCxjo0WrWXQ9fCYSlVpc0tzN1u/1nXWimufC2lQXsAP2e/tdfmiuIM/3XFpnHqpyp7g1Z0jxZ48s7EQ6vpWh6jMrHbcLqkkLMvbcBbEFvUgKD6CrNFeJ/rTmXdfcdX9n0CX/hNvFf/Qs6P/4PJf8A5Fo/4TbxX/0LOj/+DyX/AORaioo/1pzLuvuD+z6BL/wm3iv/AKFnR/8AweS//ItH/CbeK/8AoWdH/wDB5L/8i1FRR/rTmXdfcH9n0CX/AITbxX/0LOj/APg8l/8AkWj/AITbxX/0LOj/APg8l/8AkWoqKP8AWnMu6+4P7PoEv/CbeK/+hZ0f/wAHkv8A8i0f8Jt4r/6FnR//AAeS/wDyLUVFH+tOZd19wf2fQJf+E28V/wDQs6P/AODyX/5Fo/4TbxX/ANCzo/8A4PJf/kWoqKP9acy7r7g/s+gS/wDCbeK/+hZ0f/weS/8AyLR/wm3iv/oWdH/8Hkv/AMi1FRR/rTmXdfcH9n0CX/hNvFf/AELOj/8Ag8l/+RaP+E28V/8AQs6P/wCDyX/5FqKij/WnMu6+4P7PoEv/AAm3iv8A6FnR/wDweS//ACLR/wAJt4r/AOhZ0f8A8Hkv/wAi1FRR/rTmXdfcH9n0CX/hNvFf/Qs6P/4PJf8A5Fo/4TbxX/0LOj/+DyX/AORaioo/1pzLuvuD+z6BL/wm3iv/AKFnR/8AweS//ItdJ4S16XxJ4cj1K5tEs5jPcQSQRzGVVaGd4iQ5VSQTHn7o61y1a3wz/wCRJ/7impf+l09fTcPZviswqzjXasl0VjhxuGp0YpwOtooor7E8wKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5ux/wCSp67/ANgXTf8A0ffV0lc3Y/8AJU9d/wCwLpv/AKPvq6SgAooooAKKKKAEYkKSBkgdB3rzzRvHOs3t1H5kmk3dw8Uslz4fgHkahp2FLLv82YeZyFQnZGDvVgdtehsu9CpyARjIOD+dcpD4S1Wa40+PWtdiv7LTJDLan7CUumYIyKZZjIwY7XOSqIWODwMgy762/r+v6sPT+v6/rzIPD3xAXUPCsGoavYXFtdroiavcxoqbSh3fcw567CQCehGcHIDfEHxAawtnOj6Xd3RjktUmu2jQwW7TMmEcbw+7Y4PyqQNy5NVR8OdSh0W30+01+3ixpB0e5lbTixkgGdjIPN+RwGIJO4E87R0q1feAr2aOW203W47Oyu5Lae8jay8ySSSERjKPvARWWJAQVbuQRmr0cn/XV/pb5iem39bfrctt8QNOSS7Mljfra263JivCkflXTW+fNSP5924bWxuCg7WIJAzXJeK/GE4mtdc8OaBqMGvW72qRwXRhjW/s7iUoofEhwu4cbsOjEEqFLVrp8KrWK+1SWF9LijvY7sRypo8Yu0a4ByXuN25wu9sABDjALHHOhq/gSTUZFmg1NYJ4razhiL229Q9vP5yswDgkEjBUEfWlHdX20/W/6L5jfW3n+lv1/rQnufGH2vwpHfaDDu1G5nFnFZ3S4aG5zho5VBBBQBiQD0XIOCDUlx41totN0a5tdPvtQl1lc2ttaIm8kJvYMZGVVwAc7iOmOuBWR418FQ3uqweIY9LttXW3G6/0ieASLfgDaHVWO3zUUttyPmztJHBFjw14e0+eHR9S0HUIm0mzurm6sreK32CNJlZTD1+XY7PxgY+7gYzQutxPpYsjx/aTW1nLp+kapftcW5uZYbaOMyWqB9jb1LgsQwYbY95ypwDkZmj8eaS1/YWcqXMEt810i+agAia3JDhzngnaxHXIB6ViX/wzmvdHttMbUtPmtohMN15pKzSwNJKzmW3feDFIA+Nx3jKKQBg5k1X4XQ6m+sONWmhbUZYHibygWtQgxKFOeTIGfJ4wXzzS1f8AX3f1/no9P6/r+vz0bb4g2F1cWqppupLbzfZ1munSMR2kk4Biik+fduO5PuqwG9ckZ41PDviKPxJay3VrYXltbJK0UctyEUTlWKsVCsTgMpGWAz1GRzWDefDeyuPGQ1uKPSRG8sM0q3GkRz3CtEoVRFOx/dqQiZG0kYJUqTkdF4d0b+wNDi07z/tHlySv5mzbnfIz4xk9N2PwqtLE63NOiiikM5vwH/yLt1/2GtV/9OFxXSVzfgP/AJF26/7DWq/+nC4rpKACis/X5NTi8P30mgQxzamsDG1jkxtaTHAOSB+ZA9x1rznUvFGu6ZoesPpOt3d9cwWImEOv2QsrmBxIFZowtuqSx4JBIDAMF+bDUbuwPRXPVqK5STxpLBBfm401BLY6taaY6pcllZphBlwSg4Uz9Mc7e2eMq98caqdW0m6js47bw9LqF1C90k4lknSGCcndGU+QF4sqVYkheducUbK72/4Cf5Mdn/X9eR6BXLal/wAU14uh1hfl07V2jtL/ANIp/uwTH0zxEfrH6GufsPi9Df6fNJa2Wn3d2DaGG2sNWScFbiURBZGCjy5FJG5cEcjDHnBf+INW8Ra3Y+G77TLKG3mvLnT9XgW9MisPswlUxuYQThXDZwh3DHTmmk3/AF/Xcluyuek0V5DN4u1Gx8QXOjeI/EOt6Umi2ANzcaZpa3InwzYuHJt5dqtHsJ+6A28dq1T8RLrQfDeltqz2Ut3qL3D2lxrF4mmrPaxnKSO2whZGVo/k2r1JITBAm+l/63t/XkVbW39bXPSaK4dviTDPqGkx6fbWbW+p29vcRfbdRW2mmWY4xAjKVmZRyw3rjIAzkUzVPHs//CJxXtnafZ7i+h1ARP5gfyGt0lIbBXDZMfQ4xnvRJ8sW30v+Ao+80l1/U7uivNdN8da5Z6fr15rMNjLFa6hb21tLNeeTFErwROWmcQ/u0+bduw3zPt4ADHuPD+qtreg22oPHBGZgTi2uluYmwxG5JF4ZTjIOAcHkA5Apq39fMSZm+If33i7wnbddl5PdEeyW0ifzmH6V0lc3c/v/AIpacvUWmj3LEehlmgCn8on/ADNdJSGFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHA+Nv+SgeHv+wXqP/o2zqKpfG3/JQPD3/YL1H/0bZ1FX5RxT/wAjJ+iPocv/AIAUUUV8ud4UUUUAc748TzPBV6nlRzbmiHlyHCvmVODweD9D9K5u3VtD1/UJYNA0zQ7nT9LmuI7XTmLLqYwCDkRpwjLjBBbL9gfm9CnghuYTFcxJLGSCUkUMDg5HB9xmso614au9ZhtjqWlT6nBIyRRGeNpo3xhgozuBxkECvTw2IcaTpqDa1b36pfLp1Wl7rUxnFcyk32OZstc15NPuIbu4uIzKbMR3l2bQyQ+dJsZgsLFdnQoXHUnO4Co5db1LT9Wuw9yNXfTvtohaSCISNst4XCZRRg7mIO3GfTgCup/sLR5dJvtM0iO1sIZnKXIsbeH72BkMjIyklcAhlPBo0HQdJ0aNraxMc9xA5Z5GWMSRllAxtRVVBtVRhVAwBx3rf61h/elyL0tbolfy+T6mahNOKvf+n/XlY5y61XWbOZdNg1xrtpzYuL5oIi0YnlZGACqExhdy5BI5ySMVY/tXUVs59PbVL2W8i1OS1hkt7eA3NyqxiTALBYUIBOWZQCFx94g10dppeiWZewsLHT4Cjrcvbwwou1s/LIVA65Xhv9n2qW60bS763kgvdNtLmGWTzZI5oFdXfGNxBGCcDGetZPFUb2cPwXl07eX66lezn3/Pz/zRyvhDUbjVdeS6vWZp/wCzTG5cKGOy5lT5gvy7sLzt4znHFNlsdHvbHXtS14QjUbO4mH2pj++skUnyfLbOU+Xaw24yWJ6k119pplhYY+w2VvbYUqPJiVOCSxHA6ZJP1JNZ8B8MeIdT+12x0jVL6xwPOj8qaW35JHzDJXnOOnOaPrKlUlUgmo6bdNdvR/1fYag1G0tfXrpb/gnnus6Tcard3V1qt3Ml28WkQzR+RAwQSygSJ80ZO3dk7c4J+9kcV0On3F5LfDRrO9/sqJrq9bz7W3hViImRVQAoU5Dkk4ydvXrXQPq/hadzJJqGjyNMclmmiJcwndnOedh5/wBk+lXbrRNKv7Zra+0yzuYGlMzRTW6upkPV8EY3cnnrzW1TG3ioVYWXTRdktnvZoiFK2zu/+HOPfxDrb6+Psk73VpbS2kJlgNqlrcrKqlpCXfzATvOwISCVA+bJrvqpyaRpst/BfS6favd267IbhoFMkS88K2Mgcnp6mrlefiK1Oqo8kbWX3/18tzaEXFu7CiiiuQ0CiiigArW+Gf8AyJP/AHFNS/8AS6esmtb4Z/8AIk/9xTUv/S6evuOD/wCPV9F+Z5WZfBE62iiiv0c8QKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAorN1DxFo+lSbNR1O1t5MZ8t5QGP4dagtvF/h67OINasmb+6Z1DfkTmgCpY/8lT13/sC6b/6Pvq6SuJsvEehr8SNXujrWneTPpdjBG/2uP5nSW7LKOeoEif8AfQrtI5UmjDxOrowyGU5BoAdRRRQAUUUUAFFFFABRRRQAUUUUAFcnqlvN4S1SbXtMieXS7lt+rWUS7ijf8/UajuB99R94DcPmGG6yigCOCeK6t47i2lSaGVA8ckbBldSMggjqCKkrjXH/AAr+/aZfl8LXUmZF7aXMx+8PSBieR/Axz90nb2QORkcigAooooAKKKKAOb8B/wDIu3X/AGGtV/8AThcV0lc34D/5F26/7DWq/wDpwuK6SgCrqmm22saXPYXys0E67W2OUYdwQw5BBwQRyCK5+fwJDqFrdRa1reqarLPavaxz3BgR7dHKltgjiRSSUQ5YN90dsg9VRQBytz4CtbvUGuZdX1MJLc295Pbq0IjnuIfL2ytiPcCfKUEKQp9AeaG8AafJq0F1Lf6hJaW9xNcQ6Yzx/ZkeZHWTjZvIPmOcFiATxgcV1VFHSwanMQ+BoFsVtLzWtXvoo5baSEXMyHyRBIJEQBUAPIALMC5HVuBiY+DbL+3f7Wiu7uK6/tA352shUsYFhZMFT8hRR/tZ6MK6Gind/wBfL/JB0scf4psBoviCLxvC0jrb2ws9Tg4KNZ7mZpAMZ3IzBzz91XAGTUkPgOzg0+2h0fWNT08WrytZz2zxM0EMuC0Cb42BiyFIBBI2rggACurZVdGR1DKwwVIyCPSuY8Ku2i3tz4TuWOLJfO01mP8ArLMnCrnuYz+7P+z5ZP3qmyHckvvBkWoMkc2tav8AYdkSTWDTpJHceWcgszo0gJwMlHXOMnnJNN/hvp8jMkuqao9qPtPkWm+IR2wuFdZAuI9x/wBYSNxbGBjjIPYUUNX3EtNjmV8ExW/2s6brerae9zNFPut5Iv3ckcQiyA0ZDBkVQVcMuQCAp5rW0TRoNC037JbyyzbpZJpZpiC8sjsXdztAUEsScKAB2ArQoqrsDm9O/f8AxK12bqINPsrcezbp3b9HT8q6Sub8Lfvtd8V3XUSaqsSH/ZjtYFI/77D10lIAooooAKKKKACiiigAooooAKKKKACiiigAooooA4Hxt/yUDw9/2C9R/wDRtnUVS+Nv+SgeHv8AsF6j/wCjbOoq/KOKf+Rk/RH0OX/wAooor5c7wooooAK85j1jSX8GazoxvLabVZLy+SCwSVWnMpuJDGQnUEHa2ccY3dBmvRqyNS142GqQ6fb6Xe6jcSwtPttTCAqKwUkmSRO7Dpmu3CTs+Xlvqnvba/f/AIBnU2v/AF2OQk1TVrG81Ai6uJnu719MiXczrDM0cRjYDooBMhPTtU2s3clrcanbT6u1vbwXdsg+1X0tujr5GShuEyYsnDbv4iNp+9XWWWvW175AVJIZJDIrxTlEeF0xuVlLZJGeq7hjBzggmtJ408PiawSDVrO5F/cm1ie3uY3USBd2CQ3+6OMnLqO9dqrTctKWqWtvL5afC/0MeVJN83f+vy+44631i7ls7o/bb2KyW0sRLK92zmOE3MyySpKACVMajEuAxQBicjNXLItqusWVjFql/LozXF0LaWG+kBuIljiI/fBt7gSFwG3Z4xkjOexg13Try8jtrG8t7tm3bjBcRtsIAOCN2ehB4B98cVTk8aeH0uLGKLVbO5N9cm1jaC5jcLIFLYPzfQdzllHem8RUk3yUmnr8tLX23Vm0/X1DkW7lt+n9a/LsZ0DXup/ClfnmubmSz2uQcySqDhh7sVBHuTUN1e6Rr+raRH4enjna1EouWs2Km2t2hZfLcrgxkv5eFOGymQPlOOj1PWF06aG3is7m/u5wzJbWoTdtXG5iXZVAGQOSOSMZrLu/HekWNnaS3PmRT3NybQWsrRxSRyAZYNvcLheOQxB3LtzuGcqcqk7yhDdyas9rq2vkraPRblvljo3t+mv3/wDDnCWNoNP8Nx3tnc3sVwnhaGRHF7KdrFjnALYA9B0HbFdUl7GdcvfP1W6TXY7mZbXTlnbbJEEPl5gyVKEYbzMA543DpWxofi/TvEERms8pBtkdZZJ4SGVCAWwrlgOe4GO+MjNz/hItEOmf2l/bGn/YQ+z7V9qTyt3pvzjPtmtsRiasptTpu+vW+/TbyehEIRWqfb8F/TOX+Ht9dXc8/mX8V1H9liadV1Ga7ZJyTktvjURMecxA/LgfKM891TUdZEV42DKwyrKcgj1p1eZiayrVXNRt5G1OPJG17hRRRXMaBRRRQAVrfDP/AJEn/uKal/6XT1k1rfDP/kSf+4pqX/pdPX3HB/8AHq+i/M8rMvgidbRRRX6OeIFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXL+PNauNJ0eGOycxT3kvkrKOqDBYke+Aa6iuf8ZaFJruibbXH2q3fzoQejEDBX8QSKAPJZZIbJS7Al5G7fM8jH9SaikivLuPEljbbD/BPLk/kFI/WkgO/Wpjco8T237oRSKQVfq36Vv/ANk3S6dFepulEg3PGByo7EevFediMVKE+WJ6FDDRlHmkef6t4bO1pY7RoG6nyn8xP6EflVfwz4v1nwbqSyWc7tb7v3tuzZjkH07H3ru1uImk2K4LYziuc8QaFDemWawAFynMkPQSD29/eijjG3aYVcIkrwPoLRNXtte0W21OyOYbhAwB6qe4P0NX68u+Bd7JL4c1CwkzttbgMueo3g5H/jteo16J54UUUUAFFFFABRRRQAUUUUAFFFFADJYo54XhnjWSKRSro4yrA8EEdxXK6e8ngzUYNGu2Z9DuX8vTblzn7I56Wzk/wn/lmx/3DyF3dbVe/sLXVNPnsdQgS4tp0KSxOMhgaALFFcxo1/c6HqUXhvXbh594P9mahKebpAM+U5/57KP++1G4chgOnoAKKKKAOb8B/wDIu3X/AGGtV/8AThcV0lc34D/5F26/7DWq/wDpwuK6SgAooooAKKKKACiiigArA8WaddTWcGq6RGX1TSZDcW8Y4M64xJB/wNcgdgwQ/wANb9FAFXTNRttX0u21Cwk822uo1ljb1BGeR2Pt2q1XLad/xTXi+XSXIXTtYZ7rT+MCK4+9PD/wL/Wj/tr6CupoAKKKbJIsMTySHCopZj6AUAc74E/eeH7m6PW61S/lz6r9qlCH/vgLXSVzvw/jaP4daCZBiSWxincf7TqHb9WNdFQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAcD42/5KB4e/7Beo/wDo2zqKpfG3/JQPD3/YL1H/ANG2dRV+UcU/8jJ+iPocv/gBRRRXy53hRRRQAVzuqC/s/F1tqVrpN1qMAsZIG+zSQqyMZEYZEkicYU9M10VFa0qns5Xtfpr5+liZR5lb+tHc4aXw7qV1dPfXWmrIb4Xjz2ZuFTYJIo40jLjPzFY+SuQCTgkAEx2mla6dWsL6eyvJYbe+jY/bTaC62eTNGSTCQjRqZFIBJf7/AAeAe9rnLzxLfJqWoW+l6Ul7HpYQ3Sm5KTtuXf8Auogjb/lPGWXLAgdM16NLFV6qcIxW1vRX835277GMqcVq2+v4mL/wimpy+HtL09IltpI7C9glYuMRPKMKTtOTk5yRmrkltqN7qWkXq+GmsvsV3H5uZoDK6eTKmflYjYhkBHzbuWwvruXPiTTLW+WzmmkWdto/1EhRGb7qu4XajHsGIJyOORVLQvGml61pkVyztaSNafa5UmjdURABvKyMoVwpOCV6d8U3WxUoObp3WvR/au+/X+tQ5afw3/rRE+pxXlnrkOrWNg+oL9na2mgidFlUbgysu8qp5yCCw7EZxg5UOianLqllqdxbCKSbV2vZ4RIpNvH9kaFQSOGbhc7cjLHBIGa2YvE+kzabcXwnlSG32iVZraSOQbsbf3bKHO7IC4HzHgZqE+K7Fri0EZ/0aZJ2lmmDQm38oAsHRgCp574wOe9ZU3iIxcVT1s03Z7Wvbttr32KfJJ3vv/wxzY8K6s+l2kDWyh4tKeF0eRdrP58cnlnB6MqkZ6c81c1ix1TU5bXU7XSL3TZILlneO2ktDdSgxbPMO/dFx93lidvcdD02l61ZawJfsTTBoSBJHcW8kDrkZB2SKrYPODjBwfQ1fpzxtaM/fgrq+6fXfS/XzEqcHrF7/poZvh2xfTPDljZyq6PDCqlHkVyn+zuVVBx04AHFaVFFefOTnJyfU2iuVJBRRRUDCiiigArW+Gf/ACJP/cU1L/0unrJrW+Gf/Ik/9xTUv/S6evuOD/49X0X5nlZl8ETraKKK/RzxAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAPMvE+nHU/G13HIxjCQIVcDOOf/wBdb0ESpCiR/dVQB9BVnxHZLDfpfKuDKojkb6fd/mapwy7K+axUnHESjLY9yir0YtEMujafJNJLJaRl5F2ucdf/AK/v1rOfw1ZCOYIZA0mCrM2TGR0wev51ttOp68VXlnUDjmueVS2zNoxb6EPw30ptMvNZLReWZXjLEfdY4bkV3lY3hq3aOwedxgztkf7o6f1rZr6TCuToxctzxMQoqrJRCiiiukwCiiigAooooAKKKKACiiigAooooAzPEVnpl7oc8euTJb2i4kNw0oiMDA5WRXP3WBwQfWvHb345pZeNfDOgf2jZ6iq6i0Go39lIrQ3ETLsikypIU7nLMvYx8cEV7o6LJGySKHRhhlYZBHpXk3jf9nfwl4oaW70dG0DUmO4SWi5hZvVouAP+AlaAPWqK5a31670/R7S1vTFd38MKJczxsdkkgADMO/J5/GqFz4q1I58t0j+iA/zoA1PAf/Iu3X/Ya1X/ANOFxXSV5TZ63qWkWr29jdFI3uJrggxofnllaVzyO7Ox9qk/4TzWoT80scvs0YH8qAPUqK4TRfiK15fR2t/ZBS5x5kJOF9yDXd0AFFFFABRRRQAUUUUAYfi2zs9Q0b7Pc38On3IkWaxuZXC+VOh3IwyRnngjupI71zXh74qWfiH4gWnhm2RFnGmS3N6obd5NwsiL5QPQgDzDnuNpHWuv1/w9pXinRptK16yivbOYfNHIOh7MD1UjsRyK8Q8MfBzUfhh8bNJ1fS5jf+HbgzQvK2BLa7om2iQdxuCjcOPUDjIB9A1ieNbs2HgLX7tM74dNuHUDqWEbYA981cm1zTYD+9ulH0Un+QrmPGmv6bqPhW5sLS4MslzJDEyiJ/uGVA56dk3H8KAOt060Gn6XaWa4228KRDH+yoH9Ks1lxeJdHnIEd9Hk/wB4Ff5itGKaKZd0MiSL6owIoAfRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQBwPjb/koHh7/sF6j/AOjbOoql8bf8lA8Pf9gvUf8A0bZ1FX5RxT/yMn6I+hy/+AFFFFfLneFFFFABRRRQAVyniDw/qGrXUyPY6TfxOP8ARLu7Yxz6cSoBMe2MlsEBwQyHPGRgGurorajWlRlzR3JlHmVmc5DpWs6dqV0LB7Oa2vpI5Z7i5dhKhWNY2ARVw+QgwSwwWPBxg53/AAhd5Lo2mWM1xCn2XRJdOldCx/eOIsMBgZX92c5wen4dpRW0cZVi7xsn/krfkyfZxtbp/TOTl0DV7/7XqF4LKDUma1aGCKZ3h/cOZBucorfMWYfdO0YPzVH/AMItqU149/P/AGf9ouDcvNbvulhUyRRxqv3VLriP5idvU8V2FFNY2qtrf8C1rfgheyjdN/1/V2YHhnSdR0w3RvmEUMmwQ2ov5rwRkA5YSSgMM5A2AYG3I6mt+iiuerUdWbnIuMVFWQUUUVkUFFFFABRRRQAVrfDP/kSf+4pqX/pdPWTWt8M/+RJ/7impf+l09fccH/x6vovzPKzL4InW0UUV+jniBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUyWaOCF5Z3WONBuZmOAB60AYHjnXLbQPCtxdXUPnlsJHFu27mPTn261xuga4+paPBdzxFN45K8jIrD+JPiBPFN4ltYl/scCkwuwwsz9yPbHAPua0/BJR/DkcVojymEkSopBeNvdeuPTGawzbL5PCxqRj799fQvLcdH6zKnKXu209TbN9Cekqk+gOTXN+LvEU+kWMbW8WDK+0M4/HpXU4c8C2uSfTyHH9K4/4gw2stgkd3N5V0hzBbKQ0jk9yB90e5rxMtwNSpioKrBuN9dD1sfjIU8NN05WlbQ9C8BeL4vE+jhZFWK8gUB41GAw7MB6fyrq6+dPC+qHwzqFpMJsTLIC6A/eB4Kmvouvr8ZQVGfu7M+awld1Ye9ugoooriOwKKKKACiiigAooooAKKKKACiiigAooooA+dvCvjHUS0cF4y3Ck43uPm/Pv+NeiW17aXKjzLIc9Tu/+tXDQeC447n7RoF4tzabsx+YecfUcGuxs7C6hVfMibp1AzQBrCx0d49z2bH23mqVwmjQKSulK3+8+f51dj+VMOrDj+6aybzdJuWKGZz/sxN/hQBzXiPxLPa2ksem28NoMHDIvIr3KvDr/AMNXF6xe+/0W0BzI7kAhe+P/AK9e40AFFFFABRRRQAUUUUAFea2/iK38Rjz4LtX39E3Yx7Yr0qvl/wAN+ZaagiSq0bq21lYYINAHrMmlXcg/doG+hqnL4e1R/u2rH8RUmnyycfO351uCaU25xI2cetAHKSeE9WfrCqD/AGmxSW03/CHTC/vdTVRH1gjbO72xWnqE0mxv3jfnXnXiWKW5DRwo0kj8KqjJJoA+kaKKKACiiigAooooAKKKKACiiigAooooAKKKKAMXXvCWkeJbi1n1WK5M1osiQyW17PbMquVLjMTqSCY04Ofu1mf8Kz8N/wDUY/8AB/ff/Hq62ispUKU3eUU36FKUlomcl/wrPw3/ANRj/wAH99/8eo/4Vn4b/wCox/4P77/49XW0VH1Wh/IvuQ/aT7nJf8Kz8N/9Rj/wf33/AMeo/wCFZ+G/+ox/4P77/wCPV1tFH1Wh/IvuQe0n3OS/4Vn4b/6jH/g/vv8A49R/wrPw3/1GP/B/ff8Ax6utoo+q0P5F9yD2k+5yX/Cs/Df/AFGP/B/ff/HqP+FZ+G/+ox/4P77/AOPV1tFH1Wh/IvuQe0n3OS/4Vn4b/wCox/4P77/49R/wrPw3/wBRj/wf33/x6utoo+q0P5F9yD2k+5yX/Cs/Df8A1GP/AAf33/x6j/hWfhv/AKjH/g/vv/j1dbRR9VofyL7kHtJ9zkv+FZ+G/wDqMf8Ag/vv/j1H/Cs/Df8A1GP/AAf33/x6utoo+q0P5F9yD2k+5yX/AArPw3/1GP8Awf33/wAeo/4Vn4b/AOox/wCD++/+PV1tFH1Wh/IvuQe0n3OS/wCFZ+G/+ox/4P77/wCPUf8ACs/Df/UY/wDB/ff/AB6utoo+q0P5F9yD2k+5yX/Cs/Df/UY/8H99/wDHqP8AhWfhv/qMf+D++/8Aj1dbRR9VofyL7kHtJ9zkv+FZ+G/+ox/4P77/AOPVvaLotj4f0mPTdKieK1jd3VZJnlYs7l3JdyWJLMxySetX6K0hSp09YRS9EJyk92FFFFaEhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAV5X408RNrmpSaZauRp1q+2XBx58g6j/dH6mvRtbeePw/qD2YLXC2shiAGSX2nH614fZugt08tsjHXPOe+fevUy+jGcnN9DzsdVcYqC6l2SziuIdkq5Xt2x9KypoLzSbmO70y7aOYOqhwdrYJ6Ejgj2IrVWYAdapajIDFHz0lQ/+PV7bSaszyNtUJqPirxRcosF3eTRqxChbQKhb33DnP5Cshbd1LMFERblnY7nb8av3zBXhkB+6+MfXj+tRSsPWpjThBe6rBKcpP3ncovEiqVA47+9eq/DHxg+oRf2Hqche5hXNvKx5kQdj7j+X0ryuU0umXN7a61aTaSrSXqSgwooyWb0x3rHE0VVptPc0w9Z0qiaPpiiiivmD6QKKKKACiiigAooooAKKKKACiiigAooooA+VvDl5c2rA208kR/2GIr1bw9rF81ooe4ZyD1bk1gW58L+JLh7u3MdlNIdzKD5ePw6flXUaRoJhUi1mWVDyDuzQBvQ6jcsvLL/AN8is/VNUvEDBZdox2AFXUsL5BhbcN/wOqGp6VqcygiKCMdy8n/1qAPN/Ft5c3EEgnnkkABwGYmvoavFdQsdN0uQXesXsM5jO8QRjcGI7GvaqACiiigAooooAKKKKACvBtL8U6VrG2TVrDbOeWkRc5Ne8182Q+GNT0e6aKeAyKjFRLH8ytjuKAPUtPTS7mFZILho9w6EVqpZwlfkvlx/uVyOghhagMCCD3FdNCfkoAo3thZoD9o1KRgOqogrkNZ1zTtBRp9LtXlukGVllP3TXTawVUtlgMj1rhb/AEe4168WztNoMp2mRvur7k0AfQtFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXN69qGuf8ACVaXo2g3Wn2n2qyuruWa9s3uf9U9ugVVWWPGfPJJJPQUAdJRXN/YfG//AEMPh/8A8EM//wAmUfYfG/8A0MPh/wD8EM//AMmUAdJWXN4Y0C5maa40PTZZXOWeS0jZmPqSRWf9h8b/APQw+H//AAQz/wDyZR9h8b/9DD4f/wDBDP8A/JlNSa2E0nuXP+ER8N/9C/pX/gFH/wDE0f8ACI+G/wDoX9K/8Ao//iap/YfG/wD0MPh//wAEM/8A8mUfYfG//Qw+H/8AwQz/APyZVe0n3J9nDsXP+ER8N/8AQv6V/wCAUf8A8TR/wiPhv/oX9K/8Ao//AImqf2Hxv/0MPh//AMEM/wD8mUfYfG//AEMPh/8A8EM//wAmUe0n3D2cOxc/4RHw3/0L+lf+AUf/AMTViz0DR9On87T9JsbWXGPMgtkRsfUCsv7D43/6GHw//wCCGf8A+TKPsPjf/oYfD/8A4IZ//kyk5yejY1CK1SOkorm/sPjf/oYfD/8A4IZ//kyj7D43/wChh8P/APghn/8AkypKOkorlrG+8R2fjSz0jXL7S763vNPubpWs9PktnjaGS3UAlp5AQROew+6K6mgAooooAKKKKACiiigAooooAKKKKAPlewsbrTro219BJbzIcMki4IrvtBkZJY/mODx1r2C702yv1xe2kM4/6aIDVNfC2io25NPjQjpsJX+RoAwLdjt6n86r6kC9s4yeldguj2K/dgx/wNv8aDpFifvW6n6kn+tAHgniCCW6LQ28bSyvwqIMkmvoiq1vptlaHNtawxH1VAKs0AFFFFABRRRQAUUUUAFfO/h3xpqKwqlyI7njALjB/TrX0RXj8vwdvtPuGOlXkU8OflWX5WA+vegDW0jWrS74lsQGIycNW4g0+Rcm1b/vusPTPB2tWUymS3QgdSsq/wCNdHFpF8q4aD/x9f8AGgDK1MaZFF5n9nK7L/fOa4DxT4nvIbOSOwWO0G08xLz+dem3nh+/uYWRYlGR3cVzr/CmfVJf+JpdrDCfvLFyxH1oA9QooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK5u+/wCSp6F/2BdS/wDR9jXSVzd9/wAlT0L/ALAupf8Ao+xoA6SiiigArzzU9Y12x164a/1W80tlvVW0t5NPD6ZPbFgoMlwsTNG7DcPmkTDbflK43eh1zVx4Jt55rhF1bUodMu5mmuNKjaLyJWY7n5MZkUM3JCuBknjk5F8Sf9f19/oD+H+v6/rcy/DXi3V5tSWx1u1gZrvWL20gkhuN3lRwhmAI8tc/d2+vcntSS+O9T1HSifD+jxTXn2W4uZkkvNnkpHK8SlP3Z3uxRiFIVeMFhxnSm8DW7SNLaatqVlOL+S/hlg8ktbvIpWRV3xsCrbiSGDEHoRgVE3w8sU0uGystV1SyEcUtvJNBKnmTwyOXaNyyHuxwwAcc4bk5hpuKXl+Nv8xrSbb2v+v+RhWHxYt4rvSdO1CSweWSKyju5Jb9IrlpriNGDR22350BdNzBhjLYB2mnah8RNafQLm6ttGt7Nbm2vf7PuGvt7+bbhsl08ohRhHI5bOACBnjo7PwRb6dd20lhq2qW1vEkAmtIpUWO6aFAiPIdm/O1UBCsqsFAIIyCj+A9Kk0y0sJJbpoLX7Vty65YXAcOCQvpI2MY7daur7yly76/8AmneLjfyv8AqZn/AAnl7Z32kabfWemrd3dvbySibVBA87SHBFsrxgTFcZYZQjIAByK7muXm8DpcwwW9zr+sTWaRxRz2jvD5dz5ZyC37rKE4GfLKA46Zya6iqk027d2KKaSv2QUUUVJRzd9/yVPQv+wLqX/o+xrpK5u+/wCSp6F/2BdS/wDR9jXSUAFFFFABRRRQBR1jWLLQdMe/1N5Et0eOP91C8zszuqIqogLMSzKAAD1rJ/4TzSP+fPxB/wCE5qH/AMYo8ef8i7a/9hrSv/Thb10lAHN/8J5pH/Pn4g/8JzUP/jFH/CeaR/z5+IP/AAnNQ/8AjFWfE3iWHw1a280sJmM0uGUNt8uJQWlkJweFRSffgZGal1zxNpnh+OI6jLJvnVmijgt5JmKqAWYiNWKoMjLnCjIyeRSbSV2O2tij/wAJ5pH/AD5+IP8AwnNQ/wDjFH/CeaR/z5+IP/Cc1D/4xVKx+J3h6XSLC71K4axkubS3upk8mWWO0WZQU8yZU2IpJwGYqDg+hqwfiFoXmMTcmGGGOaS6+1288E0IjRHJ8p4wSNrg5OMjpu5xTVm0xbkv/CeaR/z5+IP/AAnNQ/8AjFH/AAnmkf8APn4g/wDCc1D/AOMVf0bxJpmvtOumTSs9vtMiTW0sDbWztYCRVLKcHDDIODg1z8XjbWW0681mXQbMaJZ3NxFNNHqbNcLHDK0byeUYQuBsLEeZnbnGTwUG6uaP/CeaR/z5+IP/AAnNQ/8AjFH/AAnmkf8APn4g/wDCc1D/AOMVPceM9DttT+wPczNNuCF4rOaSIOV3CMyqhQORjCbtxyoAyRnN034kaRd+GdP1e9ivbVr2J5Rax2NxPIiocMxVI92wZHzlQvI5oAt/8J5pH/Pn4g/8JzUP/jFH/CeaR/z5+IP/AAnNQ/8AjFMk8e6RB4ifS7mRlRobeaG6ijeWJxMWClmVSsa5AAZmAbdx0q5H4v0SXWTpaXUn2gO8QdraVYGdAS6LMV8tmUBsqGJG1sjg4AWuqK3/AAnmkf8APn4g/wDCc1D/AOMUf8J5pH/Pn4g/8JzUP/jFPh8d+Hp7O6ulu5kitUSRvNsp42kRztRo1ZAZQzcKUDZJAGSRWrpWrWetWAvNOkZ4izIRJE0ToynDKyOAykEdCAaAMf8A4TzSP+fPxB/4Tmof/GK29N1C11fSrTUtPl860vIUngk2ld6OoZTggEZBHBGas1zfw4/5JZ4U/wCwLZ/+iEoA6Ss3V/Eeh+H/ACf7e1nT9M8/d5X226SHzNuM7dxGcZGceorSrm77/kqehf8AYF1L/wBH2NAB/wALH8Ef9Dl4f/8ABpB/8VR/wsfwR/0OXh//AMGkH/xVdJXN3fi+WLWb7TtO8NavqjWBRZ5rVrVUBZA4A82ZGPBHalewB/wsfwR/0OXh/wD8GkH/AMVR/wALH8Ef9Dl4f/8ABpB/8VVmLxl4eaw027n1izs01RA1ml5OsLzZxwqsQSckDA7mrX/CRaJ/bCaT/bFh/aT522X2pPObGScJnccYPbsafWweZmf8LH8Ef9Dl4f8A/BpB/wDFUf8ACx/BH/Q5eH//AAaQf/FVOnjDSX06G585EknyY7WWeKOVlEoiLAM4GAxHOe4HUgVct/EWi3eqNplrrFhPfqGZrSO6RpQFOCdgOeDweOtAGZ/wsfwR/wBDl4f/APBpB/8AFUf8LH8Ef9Dl4f8A/BpB/wDFVp2PiDRtUvJrTTNXsLy5gLLLDb3KSPGVIDBlBJGCQDnpkVk3/jm0sbu7H9majPYWEwhvdSiWLyLZ8KSGDOJGChlJKIwGevBwbgP/AOFj+CP+hy8P/wDg0g/+Ko/4WP4I/wChy8P/APg0g/8Aiq249RspmRYry3dpHeNAsqksyEh1HPJUggjtg5rCv/iJ4UsYY5f7d0+4V72OxY295E/lSuSAH+bjGCT3wDxR1sHS47/hY/gj/ocvD/8A4NIP/iqP+Fj+CP8AocvD/wD4NIP/AIqtZNb0qTV5tKj1OzfUYI/Mms1uEM0acfMyZ3AfMOSO49apN428KrDNK3ibRxHblBM5v4sRl/u7ju4zjjPWgCt/wsfwR/0OXh//AMGkH/xVSW3j7wfeXUVrZ+LNDnuJnEcUUWpQs8jE4CqA2SSTgAVvqwdQyEMpGQQcgiuc8ef8i7a/9hrSv/Thb0AdJRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXP65oeq3mv6dq+h6nZ2NxZ2txast5YtcpIszQsSAssZBBgHc/eNdBRQBzf2Hxv/ANDD4f8A/BDP/wDJlH2Hxv8A9DD4f/8ABDP/APJldJRQBzf2Hxv/ANDD4f8A/BDP/wDJlH2Hxv8A9DD4f/8ABDP/APJldJRQBzf2Hxv/ANDD4f8A/BDP/wDJlH2Hxv8A9DD4f/8ABDP/APJldJRQBzf2Hxv/ANDD4f8A/BDP/wDJlH2Hxv8A9DD4f/8ABDP/APJldJRQBzf2Hxv/ANDD4f8A/BDP/wDJlH2Hxv8A9DD4f/8ABDP/APJldJRQBzf2Hxv/ANDD4f8A/BDP/wDJlH2Hxv8A9DD4f/8ABDP/APJldJRQBzen6Drn/CVW2s69q+n3f2WyntIobLTXtv8AWvC5ZmaeTOPIAAAHU10lFFABRRRQAUUUUAc348/5F21/7DWlf+nC3rpK5vx5/wAi7a/9hrSv/Thb10lAHN654PtvEuti41mS4NnBamCCK0vprdiXP73eY2UkELGACSPvZHSs9PDviOwg0q4sX0+8v7Owk02UXc8io8ZZSk2Qhy+IwWTABLEbhgE2P+EkvlsNa1eFbea2trxrWGO5uUtoIFiJWWaWUglRuD5wGwFXC/eNVNP+IFxrdnZLoOnWN9qFy9zuRNTzbCOBgryJOsZLgl0C/IM7jnGKnRqy/q6/yb9BvfX+rf8ADFfS/AmqWXg+50qaeza4m06ytQyM2zfCgVz93OCenH5VW8U/DzVtb8Ra1f2lxZpFf6dNaxCV3DK7wqgLYU8ZU9M8UzS/iHrieF47u40VdQaz0yHUNRmku1gk2u0gZUQIVZwIycEqp/vCrOofEK/07WnstT0oW1zawy3TQ216JI5ovs8sibmaEENmJgQvQ4OWHFVN3bkwjdNWOnsdFuLXxjqGrSPEYLqwtbZFUncGiaYsSMYx+8XHPY9K5yHw34qGg6h4baLSYdOv7q6Z9QS+ledYZ5ndgIfJC79rlf8AWYB55xg7Xh3xNe6rqktjqulRafL9jivoPKu/P3RSMwAf5F2uNvIG4c8MaytY8W6y+pW66RYxppaa3Dp0179oDSOd4Eg8opgJklN2/dn+HHNN35kn1/zt+ZN7Ruumv3LT8CDVvCHiK/8AEsE63EMtja39vcWzPqk8QjgjKEwm1VPLc8ORIzFskDgAYgfwb4oHhjTNGSe2a3tYJbeWKDVriz3MW/dz+ZFHvYhd2YiQuTyWwCKviL4l6rFZ6vYWFtpdtq9vaPcxxxaslxLbBJI1ZbhBGRG+JAQoLg4YbuMnoNZ8cz6DrthYanZ6bCl1LBAFbVlFzK8jKhaGDZmSNWYAsSh+Vjt4GZtzJLv+PT9P131H8Lfl/X9fdtoZieDPEg046Wz6X9kvdLsrC8nWZ/MhMIYSGNfLxIGDYGSuOvPSnXHhDxPd+L7XUrq5tZo7S9mmjml1CdkaF45USP7GFESlBIBuDFm2nJG7i3oni3WReeTq+miW1udTvrOzuo7hfNkeKSVkQxbVVV8uJlDl8kryBndVeH4mnydXWez0yS602KOR0sdWFzHDvkMZFw4jHklCNz/K4ChjzjFOT5pXfUFHlXKvT9P6/wAyj/wr/XLnRrq1ma3sYwLeS3sINau5oWlilD5WRlV7ZSBsCxZC8HnaAev8IaHNoWkTR3cUcVxc3DzyrHez3eCQFGZpzvc7VXJwo9B681e/FSOy0fT53TQhc30k4ikfX41spEixlkudh3EllAUopzuzgDJ3dJ8SHU9Y0ua2lMuma5phvLVWVQ0LJsyCR13LKPXBQ8801fW39df0/CyE7f1936/PfU6aub+HH/JLPCn/AGBbP/0QldJXN/Dj/klnhT/sC2f/AKISkM6Subvv+Sp6F/2BdS/9H2NdJXN33/JU9C/7Aupf+j7GgDpK8/1bwDda3q3ii6W+1LS7i8aE2FzaalNCjbYVB3xxyAEbgVORuxnBHBr0Cik1cadjyjxFovinUvDLafpvhuTSftOjCzMOmGxO2Qb1MMzytnyOQU8sbvmYnaeK1ofDGqCOaX+z1inm8TQag2JE3eSqxhmJB5wAwx19ua9Brm/EWpa1H4h0jSdCuLC1a+juJJJr20e4AEYTACrLH139cnpVc1pX/rdP9CWuZcv9bWORh8G63YeHbmxisWuZNRninkdpo99uY7oPs3FuYyhLKoztO/u1X7TwpqkFvpA+zC1eHXdRvLmVHTMcUouQkh55z5kfHJHGQMHG1beJtQtY72y1PTZdT1WyuEh2aTDtW4V13rIBI+2IYDA75MArgMSwFU7Lx/Lf+J47SLR71bD+zri5ncxI0sU0MvlvHtSQliCCuEVskrgkZNTZNW/ra/5Iq7Sv/Wun6mF8PtUttW8TaZDp9rabNF0R7G4ubK7huI2bfFtw0TNhTsdlD7W+9lR1Ojr2j6vLq1++m6HeW+pzPus9Y0vUFt7Y8AI13EZQZGUjBzHICoGOu0XdS8fTW2l3ci6Jf2V/aTWReyvEjd5IZ5xEGTypGUk4cAFgQQMjHXQj8YGezLW3h/WJ76O4a3n05Eh82BgobLuZBEAVZWB8zkMMZOQLv17X/F3/AFFa39eX9epnaPZG68X+IJoJoL21tg0cEayYRLiVV8+NiAcEGNSepHmN3rnbbw94kC2ki6PqH2awmsTHbahJYtcqkUuTHFLEQGiVT/y1bcSM9Sc9cvj20nNp/Z2lapfia2jupvs0SFrWJ2KguhcM3KPkRhz8p45GbNr4xs7rxB/ZqWd4sTTyWsOoMqfZ5p4wS8S4bfuG1+SoB2NgnHMx0aa6fp/X+QpK6afX9f6v+LOV0/wnrUHjKRrkapJaxajd38U/n2a2pEyuAoAQ3BbEm0qxC/LkNgKtX9J8JXNrH4f83TYUax8OS2MuNn7uVvJ+Tg99r8jjrzzXd0Ure7byt+DX6lXfNzf1vcyfClnc6d4N0ay1BDHdW1jDFMhYNtdUAIyMg8jqKo+PP+Rdtf8AsNaV/wCnC3rpK5vx5/yLtr/2GtK/9OFvVyk5NtkxXKkkdJRRRUjCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKAOb8ef8i7a/wDYa0r/ANOFvXSVR1jR7LXtMew1NJHt3eOT91M8LqyOroyuhDKQyqQQR0rJ/wCED0j/AJ/PEH/hR6h/8foAin8HG7+2W0l3JbW51BdSsZ7YqZrec8v8royEbssCQfvngFQabD4Cgtrdfs2tarFei4mn+3q0PnHztvmrjy9m1iobG3gjII4qf/hA9I/5/PEH/hR6h/8AH6P+ED0j/n88Qf8AhR6h/wDH6Vklb+un+SDrf+uv+b+8jsvAGl2OhXWlRXF60Fzp8enOzyKziNN+CDt+9+8bJOeg49TV/AOl6zrc2qXU94k81qbVljdQoQxyR5AKk5xM3fqB+Mn/AAgekf8AP54g/wDCj1D/AOP0f8IHpH/P54g/8KPUP/j9N+8rMFoaNpoNrZasuoRSTGZbKOyCsw27EYsD0+9lj7e1Zd74GtL3VkuzqepQ263qX5sIpEEDTrj5z8m/nHKhtuecBuaf/wAIHpH/AD+eIP8Awo9Q/wDj9H/CB6R/z+eIP/Cj1D/4/R1v/W9/z1FbS39bW/LQzF+Fum/Y1tJdX1WW2ispbC2hJgUW0LlThSsQLEGNCC5Y8c5yc27v4f215fS3D6zqiLcT291cwp5AWeeHZskYmLcD+7ThWVeOFGTXljeJNGX9olfBn9o65/ZXkfZC3/CRX/8Ax+/fzu87OMfu8f3q9b/4QPSP+fzxB/4Ueof/AB+nd3v/AF/V9fXUZDH8P9O+0ytdX2oXds8tzNHZzSII4ZLgv5joVQPnEjqMsQATgZ5qO1+H6WpMieI9bNwtrHawzq1vG0EcbhkChIlUgEEYYMCGIIIxi1/wgekf8/niD/wo9Q/+P0f8IHpH/P54g/8ACj1D/wCP0tv6/ruD13If+ECgSNZbfW9Vg1PzpJZdVjMAnm8xVVlZTEYwpEcfAQf6tT1yToW+iSR+Ibe8llL29hZG1tA8rSSMXKmR5Gbqf3aAHJP3iTzVX/hA9I/5/PEH/hR6h/8AH6P+ED0j/n88Qf8AhR6h/wDH6P6/QP6/U6Sub+HH/JLPCn/YFs//AEQlH/CB6R/z+eIP/Cj1D/4/W3pun2ukaVaabp8Xk2lnCkEEe4tsRFCqMkknAA5JzQBZrm77/kqehf8AYF1L/wBH2NdJWJrfhttX1Wy1K21nUNJu7OGaBZLJYG3pK0bMGEsbjrCmCAD19aANuiub/wCEX1f/AKHvxB/340//AORaP+EX1f8A6HvxB/340/8A+RaAOkrA1/QtS1DWNM1PRdStbG5sEmTF3ZNcpIsgXPCyxkEbPU9ai/4RfV/+h78Qf9+NP/8AkWj/AIRfV/8Aoe/EH/fjT/8A5FoAz77wHdX+mzfadVt59Ru7xbq8a4si9pchYzGsLW4kBMQXBClz8w3EnpVXSfhpPpFsILPW0tVNpeWpNlZ+QYlnk80GHDny9jE4+9xgcEZra/4RfV/+h78Qf9+NP/8AkWj/AIRfV/8Aoe/EH/fjT/8A5Fo/r8LfkH9fqYFl8MLiyGoSW+paZY3F79jYtp2keRHvt5/NDsplYuzZKsS3PBq1f/D671C2ZrrVLG7u7i7a6vYr3TWmsbgmNI1H2fzh9xY027nbByepGNX/AIRfV/8Aoe/EH/fjT/8A5Fo/4RfV/wDoe/EH/fjT/wD5Fo8v6/rRB/X6HPyfC2WTR9M0p9T0+W10+EQxyTaOrXFthyd9tKHBhfbtGSHGUUgDkVoaZ8OrXTPGUmtRDSzG1zLdKf7Jj+2eZJncGuiSSuWYgBVYZA3EDB0P+EX1f/oe/EH/AH40/wD+RaP+EX1f/oe/EH/fjT//AJFp3s7/ANah0sdJRXN/8Ivq/wD0PfiD/vxp/wD8i0f8Ivq//Q9+IP8Avxp//wAi0gOkrm/Hn/Iu2v8A2GtK/wDThb0f8Ivq/wD0PfiD/vxp/wD8i1FN4MurxrddT8X65fW8N1BdfZ5Y7JUkaGVZUDFLdWxuRc4IoA6miiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAqOfzvs0n2bZ52w+X5mdu7HGcc4zUlFAHz7dfAGxTxdpkI1++/t+6tr3VZNW2jm6jmtdh8v+6DK5xnOT14xXv1t5/wBli+17PP2DzfLzt3Y5xnnGa5++/wCSp6F/2BdS/wDR9jXSUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFAHN33/ACVPQv8AsC6l/wCj7Gukrm77/kqehf8AYF1L/wBH2NdJQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRXLeK/FeoaFrGm6bpWlW1/NewXE7Nc3rW6xrE0S4+WKQkkzDsOlZ1asKMHUqOyW7KjFydludTRXA/8Jt4r/wChZ0f/AMHkv/yLR/wm3iv/AKFnR/8AweS//IteX/beW/8AP5G/1Wv/ACnfUVwP/CbeK/8AoWdH/wDB5L/8i0f8Jt4r/wChZ0f/AMHkv/yLR/beW/8AP5B9Vr/ynfUVwP8Awm3iv/oWdH/8Hkv/AMi0f8Jt4r/6FnR//B5L/wDItH9t5b/z+QfVa/8AKd9RXA/8Jt4r/wChZ0f/AMHkv/yLR/wm3iv/AKFnR/8AweS//ItH9t5b/wA/kH1Wv/KbV9/yVPQv+wLqX/o+xrpK8vn17xXN4qsdZ/sDR1+yWVzaeT/bMvz+c8D7t32XjHkYxjnd2xzpf8Jt4r/6FnR//B5L/wDItH9t5b/z+QfVa/8AKd9RXA/8Jt4r/wChZ0f/AMHkv/yLR/wm3iv/AKFnR/8AweS//ItH9t5b/wA/kH1Wv/Kd9RXA/wDCbeK/+hZ0f/weS/8AyLR/wm3iv/oWdH/8Hkv/AMi0f23lv/P5B9Vr/wAp31FcD/wm3iv/AKFnR/8AweS//ItH/CbeK/8AoWdH/wDB5L/8i0f23lv/AD+QfVa/8p31FcD/AMJt4r/6FnR//B5L/wDItXfD/jLVdS8VR6Nq+i2dl51lNdxzWuovcf6t4kKlWhTGfOBzk9DW1DNMFiKipUqicn0Jlh6sI80o6HY0UUV6RgFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcD42/5KB4e/7Beo/+jbOu+rgfG3/JQPD3/YL1H/0bZ14+ef8AItreh04X+PEiooor8YPpwooooAKKKKACiiigAooooAKKKKACiiigAooooAKZoX/JU9N/7At//wCj7On0zQv+Sp6b/wBgW/8A/R9nX0HDf/I1pf8Ab3/pLOPHf7vL5fmejUUUV+vnzYUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVwPjb/AJKB4e/7Beo/+jbOu+rgfG3/ACUDw9/2C9R/9G2dePnn/Itreh04X+PEiooor8YPpwooooAKoa59p/sG8FjdxWV00TLDcTEBY3PCkkg98dj9D0q/UVzbQXlrLbXcSTQTKUkjkXKup4II7irpyUZpvoBxUWoyeG2vJXg1W3dLB5VsdSvDcpcOjKN8cxkcoAWAIIXIZTt4Nal/f67pVgBf32lefJMFimis53ZhtJKrbKxeRsj+F/u5Yj5cHQtvDGlWyzL5M1yJojC/226luf3Z6oPNZsKeMgYBwM9BUI8H6OIdnlXW/eHFwb+fzwQpUATb94GCRt3Y5PHNelLEYecryT+5O/3t7ed79eludU5rb+vw/wAu+5z0fi/XL+waewGnxG306S8lae2l/etHJIhUJvUoG2Z+bJXoQ3ayfFWrPc3F1GtkunW9/a2hhaJzNIJ1hOd+4Bdpm/unOMcda3bbwvpFnBLFb2pVJoXgk3TOxZHZnYZLE8s7HPXmpB4e0tYZYRa/JLPFcOPMbmSIIEPXt5acdDjnOTTliMJzO0NPRbXXnva4clS2/wDVv89TmF8a6m9xfSR2Ze1jF2sY/s64UQmHdtd5z+7dWKHhcEFgMnmus0aW9uNJt59SeB55kEh+zxlFUEZC8sScZxnjPoOlVj4W0hru4uGtnL3KyLIpnkMY8wYcqm7ajN3ZQCcnnk1qQxJBCkMQ2pGoVRnOABgVz4mrQnFKjG33f1/n1LjGad5Pv+n/AAR9FFFcJqFFFFABTNC/5Knpv/YFv/8A0fZ0+maF/wAlT03/ALAt/wD+j7OvoOG/+RrS/wC3v/SWceO/3eXy/M9Gooor9fPmwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArgfG3/JQPD3/YL1H/0bZ131eb/EbVNP0jxx4dn1W+trGFtO1BFkuZljUt5locZYgZwDx7V5OdRcsvqqKu7HRhWlWi2S0Vh/8Jt4U/6GbR//AAPi/wDiqP8AhNvCn/QzaP8A+B8X/wAVX499Vr/yP7mfS+0h3NyisP8A4Tbwp/0M2j/+B8X/AMVR/wAJt4U/6GbR/wDwPi/+Ko+q1/5H9zD2kO5uUVh/8Jt4U/6GbR//AAPi/wDiqP8AhNvCn/QzaP8A+B8X/wAVR9Vr/wAj+5h7SHc3KKw/+E28Kf8AQzaP/wCB8X/xVH/CbeFP+hm0f/wPi/8AiqPqtf8Akf3MPaQ7m5RWH/wm3hT/AKGbR/8AwPi/+Ko/4Tbwp/0M2j/+B8X/AMVR9Vr/AMj+5h7SHc3KKw/+E28Kf9DNo/8A4Hxf/FUf8Jt4U/6GbR//AAPi/wDiqPqtf+R/cw9pDublFYf/AAm3hT/oZtH/APA+L/4qj/hNvCn/AEM2j/8AgfF/8VR9Vr/yP7mHtIdzcorD/wCE28Kf9DNo/wD4Hxf/ABVH/CbeFP8AoZtH/wDA+L/4qj6rX/kf3MPaQ7m5TNC/5Knpv/YFv/8A0fZ1jf8ACbeFP+hm0f8A8D4v/iqt+Edb0rWfinZf2Rqdnf8AlaLe+Z9luEl2ZntMZ2k4zg/ka97h6hWhmdKUotLXo/5WcmNnF0JJPt+Z6pRRRX6yfOhRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUVHPF59tJF5jxeYhXfGcMuRjIPrQB81v8YcftSib7R/xJFP9iH5vl27uZPT/W85/u19MV5je/DPwcPE+ieGxoNr/ZjaPqLmPad5cTWQEm/72/k/NnPPWvSraH7NaxQeY8vloE3yHLNgYyT3JoAkooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA5u+/wCSp6F/2BdS/wDR9jXSVzd9/wAlT0L/ALAupf8Ao+xrpKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigDm77/kqehf8AYF1L/wBH2NdJXN33/JU9C/7Aupf+j7GukoAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKqanqllo2mzX+q3MdrawjLyyHAHYfUk8AdSaALdFcj/AMLN8OH7o1hh2K6DfEH8fJo/4Wb4d/ua1/4Ib7/4zTsxXR11Fcj/AMLN8O/3Na/8EN9/8Zo/4Wb4d/ua1/4Ib7/4zRZhdHXUVyP/AAs3w7/c1r/wQ33/AMZo/wCFm+Hf7mtf+CG+/wDjNFmF0Wr7/kqehf8AYF1L/wBH2NdJXm11480eXx9pWpJBrJtLfTL23lk/sK9+V5JbVkGPKyciJ+egxz1Gdv8A4Wb4d/ua1/4Ib7/4zRZhdHXUVyP/AAs3w7/c1r/wQ33/AMZo/wCFm+Hf7mtf+CG+/wDjNFmF0ddRXI/8LN8O/wBzWv8AwQ33/wAZo/4Wb4d/ua1/4Ib7/wCM0WYXR11FZui+INM8Q2ZutIuluI1co42lWjYdVZWAZTyOCAea0qQwooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigArifiQBJL4WicZjfWssp6HbaXLr+TKp+oFdtXE/EX/j88J/8AYZf/ANIbqqh8SJlsyrRRRXoHIUtR1nS9HWNtX1KzsRKSIzdTrFvI643EZqzNcQ28QluJo4oyyqHdgoyxAAye5JAHua5W91bTPDniXVr3xFIkH2iGFbWSRc+bEBho0/vEMSxQcncMA1iWsd3rvhrTNK0RLa6t41nmdJbsxLFEWdIEJVHIZQfukcGPBwRUc5fKd3qWuaToxjGr6pZWBlz5f2q4SLfjrjcRnqKkt9U0+80839pfW09mAzG5imVowB1O4HHGDmuCvPEEn9seH7241jS9Huf7PuoLmXUF3xCZZIVkQfvI+dynHPQdK6O/vk1D4d6ncJqNlqWbKcNc2IxE5Ct0G98Y6feNKU7Qcu1wUbtLuaeneIdF1eZodJ1ewvpVXcyW1ykjAdMkKTxWjXJ2umakLSz1XV9RjnWwsna3i06xMcmWjAJ+aR95wOBgDPXPSuMfxA32LUVsNYljtmis5BNBrD30iZuVVySR+7faw3RqSvI61TlaXL/XX/IUVzK/9dP8z1+ivM7/AFKSPTf+JbqpuNB/tQIL251aWFDH5GSv2tQzhPN43ZOT8mQOK1PDDXl/rdkdR1CecQ6XHNGIbqXypCZZFV2yE8w7AOWXB646GhSu7f1tcGrK/wDW9juKKKKokpeGZTb/ABM1eOP5Ul0+ykcDu/mXK7vrhVH/AAEV6aOgry7QP+So6n/2C7L/ANG3VeoD7o+lcFT42dcPhQtFFFQUFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVxPxF/wCPzwn/ANhl/wD0huq7auL+IOn2Wq3/AISs9Us4L21k1l/MguIlkR8WN0RlWBBwQD9RVRdmmJ6op0VOfh94M/6FHQv/AAWw/wDxNNPw/wDBn/Qo6F/4LYf/AImur2nkYcnmRUU8+APBv/QpaF/4LYf/AImmnwB4N/6FLQv/AAWw/wDxNP2j7C5BKKQ+AfB3/Qp6H/4LYf8A4mmnwD4O/wChT0P/AMFsP/xNPnfYOUfVe9sbfUbb7PeR+ZF5iSbdxHzIwZTx6MoNPPgLwf8A9Cpof/gth/8AiaYfAfg//oVND/8ABdD/APE0c77Byliiqp8B+EP+hU0T/wAF0P8A8TTT4E8If9Cron/guh/+Jp8z7C5UXKKonwJ4R/6FXRP/AAXQ/wDxNNPgXwj/ANCtov8A4Lov/iaOZishNA/5Kjqf/YLsv/Rt1XqA+6PpXlHhbSdO0f4mapb6RYWthC2m2TtHawrEpbzboZIUAZwAM+wr1cfdH0rjn8TOmPwi0UUVBQUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABXKeM/8AkOeD/wDsMyf+kF3XV1yfjT/kN+D/APsMyf8ApBd01uJ7HIeJI9QGpatfyXGqzQQkG1vNIv8A5NMCIpbz7XzEEuGJcjEhZTjAwAU0rX9Yt/EOoLPfW99a3WvxWkQMLr5UTWiyfLmQgfw8YAzvP8WB1GoeEtH1K+ku7qCcSTACdIbyaKO4AGP3saOEk4+X5wcjAPHFNuvCejXbXbSW8qG7kjmkMN1LFiSMBVdNjDY2ABlcEgAHNbRTX4fmr/l/w5Mmmv6+X9fkYkfibWdUvxpmmmxtro3N6POuIHkjENvIqAbQ6nexkXnOBg8dBXOaV451u20zTLaOCa9lgsYJ7oCwub2S6Z3YFVlj+WMhUJDODuJHQAmu4bwbof8AZ6WaWs0cccrzK8V3Mku9/vnzAwc7v4hnB75qL/hCPD6x2caWLRx2UaxRRx3Mqo0atuVHUNiRQckB9wGT6miKatfy/IltO/8AXX/IwpfE/iCSdnV9NjtJdTuNMiT7PI0ilVk2SlvMA6oAUAGeTuGcCNL/AFNfgXb31zfySX7aZFJ9qjLI5yFIJJYktg8tnk5OBnFdYdA0wKg+y8JdteqN7cTNuy3Xvubjpz0qNPDumReHv7DWBzpwTyxC8zthc52hi24AdhngYA4FVBNRs99Py1/G4pO70/rX/KxzttpS6zrfiaa71PVYJLW+EVu8GpTxpAot4mBEYfyzhmJwykHuCK3vDeozat4W0zULoATXNrHK+0YBJUEke3eq954N0W9vbq6njvN14we5iTULhIZjtC/PErhGBVQCCuCBg5rZVVRAiKFVRgKBgAelVFWVvQUndik0wmlJppNUSITTCaUmmk1QjH0f/kqmpf8AYKsf/Rt3Xpg+6PpXmWjf8lU1L/sFWP8A6Nu69NH3R9K45/EzojsLRRRUFBRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFcn40/5Dfg//ALDMn/pBd11lcl41/wCQ14P/AOwzJ/6QXdNbiexyN3a+HL3UPEl541+zeZZ3SxQz3hANlC0aeW8TH/VZcsd64yw65UYgg8Sa1baFM99dGKaHwsl9mWNQRP8APlzkdeFyDx7V0utv4Qk1yxh8RNojaoCpso74wmfJbA8sP83LDjHcVIdB8M3qxWw0rSbhdMYxRRfZo3FoSAxUDHyEgqcDHBBrXlbjZf1o1f1u7+pF0nr/AFqn92ljkW8TeIpfEq+SLo2ttNZQOm60S3lEqIXZzIwl3/vDtCfKSgGDk1k+K9S1a50bU4L/AFW8SG8ima2aFLSW1mVJFKiF1zIpCcN5gOTnBGBn02TRdKk1GDUJNMs2vbZPLguWt0MkS8/KrYyo5PA9TVO10Pw5OLm9sdL0uQakjC4nht4z9qVjlt7AfOCeuc5q3q9PP+v62I6fccsl9qH9uXmkwag1n9o1oWz38dvAJSFsY5O6bS7EdSp4yABgYoN4h8QahZ3ksOtPaf2fpMt0Ggt4iLmSOWZFc71OFYRgkLjrwR37yfQtGl0+WzuNKsXs5CrSwPbIY3KgBSVIwcBVAz0Cj0pYbTS7q0SW1t7Oa3mtlhV40Vkkgx8qgjgpg8DpzQ02tH/VrfnqO66/1qcm+u6p/wAJFb3M15OmmvPBCBarby2ymRF/dzAkTrIXbgrlQChI+9XbE1mQaVoVzfx6va2GnTXceYo72OFGkTblCocDIxyuM8citEmtCBCaaTSk0wmmICaYTSk00mqEZOi/8lU1L/sFWP8A6Nu69NH3R9K8x0T/AJKnqX/YKsf/AEbdV6cPuj6VxVPiZ0x+EWiiioKCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAK5Lxt/yGvB/wD2GZP/AEgu662uS8bf8hnwf/2GZP8A0gu6a3E9jg/E91p9jf8AiG3XUrGGW/w1zo+rRfPqOIlVfsro6v8AMF2AgSYccKCCDShu4NE17Vbt76awQeILaS+W4vn2xQPaLguGbCoZCVzwDtA6KAPVSaaTW8Vb8Pwaf6Gbd1Y8wTWYb7ypdZ1q4ttCkvtQK3iX0kAZ1kUQJ5ikHaUMhVc4bA68A8/ZanqUFjokNvqMdsBp1s2nfadRmtTNIZWD/uI42FwThAyH7oPAGc17aTTCacY2t5W/BCbvfz/zueZutzLMLt9R1J5LnXrqwaMX0ojEG2UbFQMACCAQwG4EDBAAFaPhy8/s/wCDWmPpEnn3JsY4IA85k/0hsIELEkjEhwR/DjGBjFdwTTSacY2jyvy/BW/zfzBy1v8A1v8A0vkeZSyar4c8L67pNyY9OnW1jurFrO7aUgfLHIQ7IhzuUMeDzL1Oafqkv9jvrGmnWZ7ezimtHV9Q1KdAd6tuRrrLPCrFAc5xnj+LFekE0wmqcb/1/X9fcQnZnlDX+r3Njb2OkXt+kmrROLWZrxrhUa2kdiUlwC0bqY1DEAsvJOeS3Utcvb/TrHVprw2el6rLcTA3OrTaeke1USFRIisRkLI4TADHk88V6uTTCaOV66j5tbnncE19PFq93qms3FvcWuk2xE0bzCCJ3jbfKYgFPYHLLlcZwuDWx4Gvlu7S+WKYzxRzjbLHqj6hAcoMiOd1DHHdTnBPHXFdUTTSa0t7zZHSxl6H/wAlT1P/ALBdj/6Nuq9OH3R9K8w0L/kqWp/9guy/9G3Venj7o+lcVT4mdMfhQtFFFQUFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAVyPjf/AJDHhD/sMv8A+kF3XXVjeJ9BXX9MSFbiS1ubeZbi1uYgC0Mi5AODwQQSpB6hiKa0YnsViaYTWBJp3jqNtq6tojgdCdHlyfyuaZ9g8d/9BTQ//BPN/wDJNbc8TPlZ0BNMJrB/s/x3/wBBTRP/AATzf/JNJ/Zvjr/oKaJ/4J5v/kmn7SIcjN0mmE1if2Z46/6Cmif+Ceb/AOSaT+yvHP8A0FNF/wDBRN/8k0/aRFyM2iaaTWN/ZPjn/oK6L/4KJv8A5JpP7H8cf9BXRf8AwUS//JNP2kRcjNcmmk1k/wBjeOP+grov/gol/wDkmk/sXxv/ANBXRf8AwUS//JNP2sQ5JGqTTCazP7D8b/8AQV0b/wAFEv8A8k0h0Lxuf+Yto3/gol/+SaftYi9nINB/5Klqf/YLsv8A0bdV6gPuj6VxHhPwnc6ZfXN/qV015fXRXzZtmxQq52oq87VGSepOWJJ5ruBwK5ZO8mzeKsrBRRRUjCiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooA/9k=)

1. **Project Team Members**

The following are the list of team members with their respective roles and their emails.

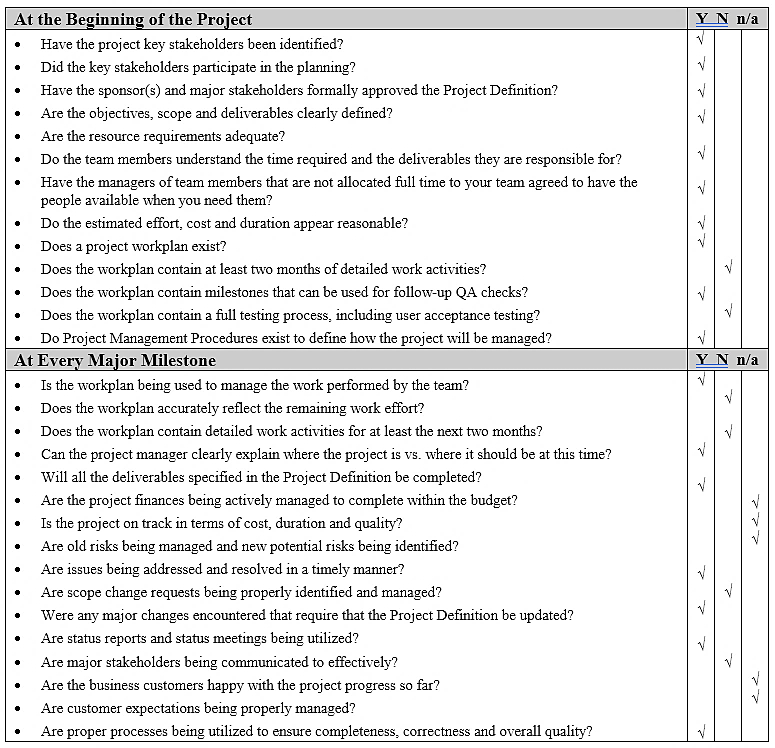
|  |  |  |
| --- | --- | --- |
| **NAME** | **ROLE** | **EMAIL** |
| Kyla Joyce M. Julian | Project Manager | [kmjulian@student.apc.edu.ph](mailto:kmjulian@student.apc.edu.ph) |
| Joneil Thom O. Llantos | Quality Assurance Lead | thomllantos@student.apc.edu.ph |
| Rhea-Eve M. Ayungon | Tester | [rmayungon2@student.apc.edu.ph](mailto:rmayungon2@student.apc.edu.ph) |
| Kathrine Danielle C. Burton | Tester | kdcburton@student.apc.edu.ph |

1. **Roles & Responsibilities**

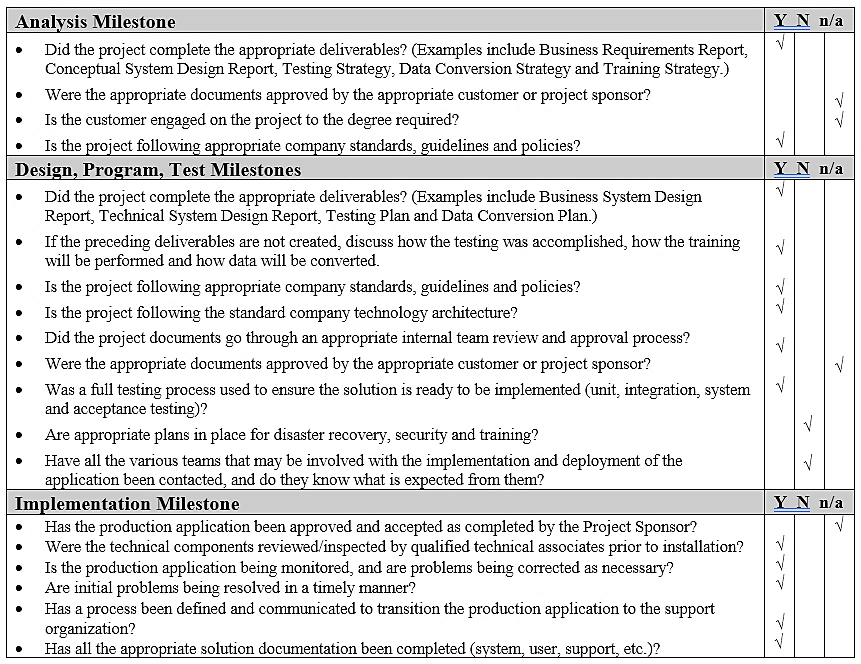
The following are the roles and responsibilities of the staff needed to implement the project. Responsibilities from the respective roles are gathered from PayScale.com, website providing salary, benefits, and compensation information.

|  |  |  |
| --- | --- | --- |
| **NAME** | **ROLES** | **RESPONSIBILITIES** |
| Kyla Joyce M. Julian | Project Team | * Responsible for managing and leading the team * Monitor project progress and performance * Manage coordination with the team and client to ensure if the organization’s requirements are being fulfilled * Detailed project planning |
| Joneil Thom O. Llantos | Quality Assurance Lead | * Programs software and writing of operating manuals * Works with system developer to ensure the system compatibility and meet organization’s requirements * Modifying and testing comprehensively the system to ensure the reliability of it * Undertake on system processes and analysis * Apply feasible solutions to possible problems |
| Rhea-Eve M. Ayungon | Tester | * Analyze client requirements * Works with lead developer to ensure system compatibility and meet organization’s requirements * Responsible in ensuring the quality of the end product and its process * Responsible in system integration |
| Kathrine Danielle C. Burton | Tester | * Researching and examining current system and consulting users * Responsible in training the users and perform adequate support * Ensuring the security of databases and perform maintenance to guarantee the system’s performance * Responsible in documenting different phases of the project |

1. **QUALITY ASSURANCE PROCESS**
2. **Quality Checklist**
3. Project Management



1. Project Deliverables



1. **Test Cases**
2. District

|  |  |
| --- | --- |
| LOGIN TEST CASE | |
| Test Suit ID | TS001 |
| Test Case ID | TS001 |
| Test Case Summary | To verify that clicking the Submit button generates the page for the District officer. |
| Related Requirement | N/A |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Input username 2. Input password 3. Click the submit button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/district/district\_home#*](http://localhost/final/district/district_home) |
| Expected Result | 1. The webpage for the district personnel should be accessed 2. There is a button for minimize and maximize the header taskbar 3. There’s notifications in the dashboard 4. There is a “Settings” button 5. There is a “Create Accounts” button 6. There is a “View Informations” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| CREATE ACCOUNT TEST CASE | |
| Test Suit ID | TS002 |
| Test Case ID | TS002 |
| Test Case Summary | To verify that clicking the Create Accounts dropdown button generates the dropdown list consist of Registrar, Principal and School’s registration forms. |
| Related Requirement | TS001 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Create Accounts” dropdown button |
| Test Data |  |
| Expected Result | 1. The webpage for the district personnel should be accessed 2. There is a dropdown list for “Create Accounts” 3. There is a “Registrar” button in the dropdown list 4. There is a “Principal” button in the dropdown list 5. There is a “School” button in the dropdown list |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| REGISTRAR REGISTRATION TEST CASE | |
| Test Suit ID | TS003 |
| Test Case ID | TS003 |
| Test Case Summary | To verify that clicking the Registrar button in the dropdown list generates Registrar’s registration form. |
| Related Requirement | TS001 & TS002 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Create Accounts” dropdown button 2. Click “Registrar” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/district/create/create\_registrar*](http://localhost/final/district/create/create_registrar) |
| Expected Result | 1. The webpage for the district personnel should be accessed 2. There is a registration form; Create Registrar Account form 3. There’s input text for First Name, Middle Name, Last Name, User’s Address, Email, Contact Number, Username, Password 4. There is a dropdown list for School 5. There is a submit button named “Register Account” 6. There is a cancel button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| PRINCIPAL REGISTRATION TEST CASE | |
| Test Suit ID | TS004 |
| Test Case ID | TS004 |
| Test Case Summary | To verify that clicking the Principal button in the dropdown list generates Principal’s registration form. |
| Related Requirement | TS001 & TS002 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Create Accounts” dropdown button 2. Click “Principal” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/district/create/create\_principal*](http://localhost/final/district/create/create_principal) |
| Expected Result | 1. The webpage for the district personnel should be accessed 2. There is a registration form; Create Principal Account form 3. There’s input text for First Name, Middle Name, Last Name, User’s Address, Email, Contact Number, Username, Password 4. There is a dropdown list for School 5. There is a submit button named “Register Account” 6. There is a cancel button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SCHOOL REGISTRATION TEST CASE | |
| Test Suit ID | TS005 |
| Test Case ID | TS005 |
| Test Case Summary | To verify that clicking the School button in the dropdown list generates School’s registration form. |
| Related Requirement | TS001 & TS002 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Create Accounts” dropdown button 2. Click “Principal” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/district/create/create\_school*](http://localhost/final/district/create/create_school) |
| Expected Result | 1. The webpage for the district personnel should be accessed 2. There is a registration form; Create School Account form 3. There’s input text for School Name, Contact Number, and School Address 4. There’s a dropdown list for Distributed Budget 5. There is a submit button named “Create School” 6. There is a cancel button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW INFORMATION TEST CASE | |
| Test Suit ID | TS006 |
| Test Case ID | TS006 |
| Test Case Summary | To verify that clicking the View Informations dropdown button generates the dropdown list consist of View District Users, View School Results and View School Analytics |
| Related Requirement | TS001 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button |
| Test Data |  |
| Expected Result | 1. The web page for the district personnel should be accessed 2. There is a “View Informations” dropdown list 3. There is “View District Users” button in the dropdown list 4. There is “View School Results” button in the dropdown list 5. There is “View School Analytics” button in the dropdown list |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW DISTRICT USER TEST CASE | |
| Test Suit ID | TS007 |
| Test Case ID | TS007 |
| Test Case Summary | To verify that clicking the View District Users button in the dropdown list generates the list of District Users. |
| Related Requirement | TS001 & TS006 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View District Users” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/district/view/view\_district\_users*](http://localhost/final/district/view/view_district_users) |
| Expected Result | 1. The web page for the district personnel should be accessed 2. There is a list form of all the users per district 3. The list contains with User ID, Username, Position, School ID |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW SCHOOL RESULTS TEST CASE | |
| Test Suit ID | TS008 |
| Test Case ID | TS008 |
| Test Case Summary | To verify that clicking the View School Results button in the dropdown list generates the list of School Results. |
| Related Requirement | TS001 & TS006 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View School Results” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/district/view/view\_school\_results*](http://localhost/final/district/view/view_school_results) |
| Expected Result | 1. The web page for the district personnel should be accessed 2. There is a list form of the results per school 3. The list contains with School Name, Average Result of the School, Average Exam Total Score |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW SCHOOL ANALYTICS TEST CASE | |
| Test Suit ID | TS009 |
| Test Case ID | TS009 |
| Test Case Summary | To verify that clicking the View School Analytics button in the dropdown list generates the analytics result of the school. |
| Related Requirement | TS001 & TS006 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View School Analytics” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/district/view/view\_school\_analytics*](http://localhost/final/district/view/view_school_analytics) |
| Expected Result | 1. The web page for the district personnel should be accessed 2. There is a analytic graph and results for the school per district |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SETTINGS TEST CASE | |
| Test Suit ID | TS010 |
| Test Case ID | TS010 |
| Test Case Summary | To verify that clicking the Settings button generates the other two buttons which are the View Profile button and the Sign Out button. |
| Related Requirement | TS001 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button |
| Test Data |  |
| Expected Result | 1. The web page for the district personnel should be accessed 2. There is a “Settings” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW PROFILE TEST CASE | |
| Test Suit ID | TS011 |
| Test Case ID | TS011 |
| Test Case Summary | To verify that clicking the View Profile button generates the user information. |
| Related Requirement | TS001 & TS010 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click “View Profile” button |
| Test Data |  |
| Expected Result | 1. The web page for the district personnel should be accessed 2. There’s a user information |
| Actual Result | On clicking the View Profile button, the expected result is not met. |
| Status | Fail |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SIGN OUT TEST CASE | |
| Test Suit ID | TS012 |
| Test Case ID | TS012 |
| Test Case Summary | To verify that clicking the Sign Out button generates to the Login page. |
| Related Requirement | TS001 & TS010 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click Sign out” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/login*](http://localhost/final/login) |
| Expected Result | 1. The web page for the district personnel should be accessed 2. The account will be signed out 3. The button will generate back to Login page |
| Actual Result | If the user is authorized, the result is as expected |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

1. Registrar

|  |  |
| --- | --- |
| LOGIN TEST CASE | |
| Test Suit ID | TS013 |
| Test Case ID | TS013 |
| Test Case Summary | To verify that clicking the Submit button generates the page for the Registrar personnel. |
| Related Requirement | N/A |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Input username 2. Input password 3. Click the submit button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/registrar/registrar\_home*](http://localhost/final/registrar/registrar_home) |
| Expected Result | 1. The webpage for the registrar personnel should be accessed 2. There is a button for minimize and maximize the header taskbar 3. There’s notifications in the dashboard 4. There is a “Settings” button 5. There is a “Assign” button 6. There is a “Create” button 7. There is a “View Informations” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| ASSIGN TEST CASE | |
| Test Suit ID | TS014 |
| Test Case ID | TS014 |
| Test Case Summary | To verify that clicking the “Assign” button generates the dropdown list consist of Teacher and Student |
| Related Requirement | TS013 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Create Accounts” dropdown button |
| Test Data |  |
| Expected Result | 1. The webpage for the registrar personnel should be accessed 2. There is a dropdown list for “Assign” 3. There is a “Teacher” button in the dropdown list 4. There is a “Student” button in the dropdown list |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| ASSIGN TEACHER TEST CASE | |
| Test Suit ID | TS015 |
| Test Case ID | TS015 |
| Test Case Summary | To verify that clicking the “Teacher” button generates to the webpage of assigning teacher. |
| Related Requirement | TS013 & TS014 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Assign” dropdown button 2. Click “Teacher” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/registrar/assign/assign\_teacher*](http://localhost/final/registrar/assign/assign_teacher) |
| Expected Result | 1. The webpage for the registrar personnel should be accessed 2. There is a registration form; Assign Teacher Account form 3. There is dropdown list for Teacher and Section 4. There is a submit button named “Assign Teacher” 5. There is a cancel button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| ASSIGN STUDENT TEST CASE | |
| Test Suit ID | TS016 |
| Test Case ID | TS016 |
| Test Case Summary | To verify that clicking the “Student” button generates to the webpage of assigning student. |
| Related Requirement | TS013 & TS014 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Assign” dropdown button 2. Click “Student” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/registrar/assign/assign\_student*](http://localhost/final/registrar/assign/assign_student) |
| Expected Result | 1. The webpage for the registrar personnel should be accessed 2. There is a registration form; Assign Student Account form 3. There is dropdown list for Student and Section 4. There is a submit button named “Assign Student” 5. There is a cancel button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| CREATE TEST CASE | |
| Test Suit ID | TS017 |
| Test Case ID | TS017 |
| Test Case Summary | To verify that clicking the “Create” dropdown button generates the dropdown list consist of Section, Guidance, Teacher, and Student. |
| Related Requirement | TS013 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Create” dropdown button |
| Test Data |  |
| Expected Result | 1. The webpage for the registrar personnel should be accessed 2. There is a dropdown list for “Create” 3. There is a “Section” button in the dropdown list 4. There is a “Guidance” button in the dropdown list 5. There is a “Teacher” button in the dropdown list 6. There is a “Student” button in the dropdown list |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| CREATE SECTION TEST CASE | |
| Test Suit ID | TS018 |
| Test Case ID | TS018 |
| Test Case Summary | To verify that clicking the “Create” dropdown button generates the dropdown list consist of Section, Guidance, Teacher, and Student. |
| Related Requirement | TS013 & TS017 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Create” dropdown button 2. Click “Section” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/registrar/create/create\_section*](http://localhost/final/registrar/create/create_section) |
| Expected Result | 1. The webpage for the registrar personnel should be accessed 2. There is a registration form; Create Section Account form 3. There is dropdown list for Grade Level and Section Name 4. There is a submit button named “Create Section” 5. There is a cancel button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| CREATE GUIDANCE TEST CASE | |
| Test Suit ID | TS019 |
| Test Case ID | TS019 |
| Test Case Summary | To verify that clicking the “Guidance” button in the dropdown list generates creating guidance account. |
| Related Requirement | TS013 & TS017 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Create” dropdown button 2. Click “Guidance” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/registrar/create/create\_guidance*](http://localhost/final/registrar/create/create_guidance) |
| Expected Result | 1. The webpage for the registrar personnel should be accessed 2. There is a registration form; Create Guidance Account form 3. There’s input text for First Name, Middle Name, Last Name, User’s Address, Email, Contact Number, Username, and Password 4. There is a submit button named “Register Account” 5. There is a cancel button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| CREATE TEACHER TEST CASE | |
| Test Suit ID | TS020 |
| Test Case ID | TS020 |
| Test Case Summary | To verify that clicking the “Teacher” button in the dropdown list generates creating teacher account. |
| Related Requirement | TS013 & TS017 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Create” dropdown button 2. Click “Teacher” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/registrar/create/create\_teacher*](http://localhost/final/registrar/create/create_teacher) |
| Expected Result | 1. The webpage for the registrar personnel should be accessed 2. There is a registration form; Create Teacher Account form 3. There’s input text for First Name, Middle Name, Last Name, User’s Address, Email, Contact Number, Username, and Password 4. There is a submit button named “Register Account” 5. There is a cancel button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| CREATE STUDENT TEST CASE | |
| Test Suit ID | TS021 |
| Test Case ID | TS021 |
| Test Case Summary | To verify that clicking the “Teacher” button in the dropdown list generates creating teacher account. |
| Related Requirement | TS013 & TS017 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Create” dropdown button 2. Click “Student” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/registrar/create/create\_student*](http://localhost/final/registrar/create/create_student) |
| Expected Result | 1. The webpage for the registrar personnel should be accessed 2. There is a registration form; Create Student Account form 3. There’s input text for First Name, Middle Name, Last Name, User’s Address, Email, Contact Number, Username, and Password 4. There is a submit button named “Register Account” 5. There is a cancel button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW INFORMATION TEST CASE | |
| Test Suit ID | TS022 |
| Test Case ID | TS022 |
| Test Case Summary | To verify that clicking the “View Informations” dropdown button generates the dropdown list consist of View Users. |
| Related Requirement | TS013 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button |
| Test Data |  |
| Expected Result | 1. The web page for the registrar personnel should be accessed 2. There is a “View Informations” dropdown list 3. There is a “View Users” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW USERS TEST CASE | |
| Test Suit ID | TS023 |
| Test Case ID | TS023 |
| Test Case Summary | To verify that clicking the View Users button generates the list of users. |
| Related Requirement | TS013 & TS022 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View Users” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/registrar/view/view\_school\_users*](http://localhost/final/registrar/view/view_school_users) |
| Expected Result | 1. The web page for the registrar personnel should be accessed 2. There’s a list of users contains User ID, Username, Position |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SETTINGS TEST CASE | |
| Test Suit ID | TS024 |
| Test Case ID | TS024 |
| Test Case Summary | To verify that clicking the Settings button generates the other two buttons which are the View Profile button and the Sign Out button. |
| Related Requirement | TS013 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button |
| Test Data |  |
| Expected Result | 1. The web page for the registrar personnel should be accessed 2. There is a “Settings” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW PROFILE TEST CASE | |
| Test Suit ID | TS025 |
| Test Case ID | TS025 |
| Test Case Summary | To verify that clicking the View Profile button generates the user information. |
| Related Requirement | TS013 & TS024 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click “View Profile” button |
| Test Data |  |
| Expected Result | 1. The web page for the registrar personnel should be accessed 2. There’s a user information |
| Actual Result | On clicking the View Profile button, the expected result is not met. |
| Status | Fail |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SIGN OUT TEST CASE | |
| Test Suit ID | TS026 |
| Test Case ID | TS026 |
| Test Case Summary | To verify that clicking the Sign Out button generates to the Login page |
| Related Requirement | TS013 & TS024 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click Sign out” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/login*](http://localhost/final/login) |
| Expected Result | 1. The web page for the registrar personnel should be accessed 2. The account will be signed out 3. 8i9The button will generate back to Login page |
| Actual Result | If the user is authorized, the result is as expected |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

1. Guidance

|  |  |
| --- | --- |
| LOGIN TEST CASE | |
| Test Suit ID | TS027 |
| Test Case ID | TS027 |
| Test Case Summary | To verify that clicking the Submit button generates the page for the Guidance personnel. |
| Related Requirement | N/A |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Input username 2. Input password 3. Click the submit button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/guidance/guidance\_home*](http://localhost/final/guidance/guidance_home) |
| Expected Result | 1. The webpage for the guidance personnel should be accessed 2. There is a button for minimize and maximize the header taskbar 3. There’s notifications in the dashboard 4. There is a “Settings” button 5. There is a “View Informations” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW INFORMATION TEST CASE | |
| Test Suit ID | TS028 |
| Test Case ID | TS028 |
| Test Case Summary | To verify that clicking the “View Informations” dropdown button generates the dropdown list consist of View Student Analytics, View Student Profile, View Student Results. |
| Related Requirement | TS027 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button |
| Test Data |  |
| Expected Result | 1. The web page for the guidance personnel should be accessed 2. There is a “View Informations” dropdown list 3. There is a “View Student Analytics” button 4. There is a “View Student Profile” button 5. There is a “View Student Results” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW STUDENT ANALYTICS | |
| Test Suit ID | TS029 |
| Test Case ID | TS029 |
| Test Case Summary | To verify that clicking the View Student Analytics button in the dropdown list generates the analytics result of the school. |
| Related Requirement | TS027 & TS028 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View Student Analytics” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/guidance/view/view\_student\_analytics*](http://localhost/final/guidance/view/view_student_analytics) |
| Expected Result | 1. The web page for the guidance personnel should be accessed 2. There is a analytic graph and results for the student per school |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW STUDENT PROFILE TEST CASE | |
| Test Suit ID | TS030 |
| Test Case ID | TS030 |
| Test Case Summary | To verify that clicking the View Student Profile button in the dropdown list generates the list of each students profile. |
| Related Requirement | TS027 & TS028 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click the “View Informations” dropdown button 2. Click the “View Student Profile” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/guidance/view/view\_student\_profile*](http://localhost/final/guidance/view/view_student_profile) |
| Expected Result | 1. The web page for the guidance personnel should be accessed 2. There is a list form of all the student users per school 3. The list contains with Student ID, Student Name, Section ID, Contact Number, Address |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW STUDENT RESULT TEST CASE | |
| Test Suit ID | TS031 |
| Test Case ID | TS031 |
| Test Case Summary | To verify that clicking the View Student Results button in the dropdown list generates the list of student results. |
| Related Requirement | TS027 & TS028 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View Student Results” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/guidance/view/view\_student\_results*](http://localhost/final/guidance/view/view_student_results) |
| Expected Result | 1. The web page for the guidance personnel should be accessed 2. There is a list form of the results of students per school 3. The list contains with Student Name, Section Name, Section Overall Score, Average of Scores, Exam ID |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SETTINGS TEST CASE | |
| Test Suit ID | TS032 |
| Test Case ID | TS032 |
| Test Case Summary | To verify that clicking the Settings button generates the other two buttons which are the View Profile button and the Sign Out button. |
| Related Requirement | TS027 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button |
| Test Data |  |
| Expected Result | 1. The web page for the guidance personnel should be accessed 2. There is a “Settings” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW PROFILE TEST CASE | |
| Test Suit ID | TS033 |
| Test Case ID | TS033 |
| Test Case Summary | To verify that clicking the View Profile button generates the user information. |
| Related Requirement | TS027 & TS032 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click “View Profile” button |
| Test Data |  |
| Expected Result | 1. The web page for the guidance personnel should be accessed 2. There’s a user information |
| Actual Result | On clicking the View Profile button, the expected result is not met. |
| Status | Fail |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SIGN OUT TEST CASE | |
| Test Suit ID | TS034 |
| Test Case ID | TS034 |
| Test Case Summary | To verify that clicking the Sign Out button generates to the Login page |
| Related Requirement | TS027 & TS032 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click Sign out” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/login*](http://localhost/final/login) |
| Expected Result | 1. The web page for the guidance personnel should be accessed 2. The account will be signed out 3. The button will generate back to Login page |
| Actual Result | If the user is authorized, the result is as expected |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

1. Teacher

|  |  |
| --- | --- |
| LOGIN TEST CASE | |
| Test Suit ID | TS035 |
| Test Case ID | TS035 |
| Test Case Summary | To verify that clicking the Submit button generates the page for the Teacher personnel. |
| Related Requirement | N/A |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Input username 2. Input password 3. Click the submit button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/teacher/teacher\_home*](http://localhost/final/teacher/teacher_home) |
| Expected Result | 1. The webpage for the teacher personnel should be accessed 2. There is a button for minimize and maximize the header taskbar 3. There’s notifications in the dashboard 4. There is a “Settings” button 5. There is a “View Informations” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW INFORMATION TEST CASE | |
| Test Suit ID | TS036 |
| Test Case ID | TS036 |
| Test Case Summary | To verify that clicking the “View Informations” dropdown button generates the dropdown list consist of View Student Profile, View Student Result, View Student Analytics |
| Related Requirement | TS035 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button |
| Test Data |  |
| Expected Result | 1. The web page for the teacher personnel should be accessed 2. There is a “View Informations” dropdown list 3. There is a “View Student Profile” button 4. There is a “View Student Results” button 5. There is a “View Student Analytics” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW STUDENT PROFILE TEST CASE | |
| Test Suit ID | TS037 |
| Test Case ID | TS037 |
| Test Case Summary | To verify that clicking the View Student Profile button in the dropdown list generates the list of each student profile. |
| Related Requirement | TS035 & TS036 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click the “View Informations” dropdown button 2. Click the “View Student Profile” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/teacher/view/view\_student\_profile*](http://localhost/final/teacher/view/view_student_profile) |
| Expected Result | 1. The web page for the student personnel should be accessed 2. There is a list form of all the student users per school 3. The list contains with Student ID, Student Name, Section ID, Contact Number, Address |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW STUDENT RESULTS TEST CASE | |
| Test Suit ID | TS038 |
| Test Case ID | TS038 |
| Test Case Summary | To verify that clicking the View Student Results button in the dropdown list generates the list of student results. |
| Related Requirement | TS035 & TS036 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View Student Results” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/teacher/view/view\_student\_result*](http://localhost/final/teacher/view/view_student_result) |
| Expected Result | 1. The web page for the teacher personnel should be accessed 2. There is a list form of the results of students in a school 3. The list contains with Student Name, Exam ID, Score, Total Score, Grade |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW STUDENT ANALYTICS TEST CASE | |
| Test Suit ID | TS039 |
| Test Case ID | TS039 |
| Test Case Summary | To verify that clicking the View Student Analytics button in the dropdown list generates the analytics result of the students. |
| Related Requirement | TS035 & TS036 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View Student Analytics” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/teacher/view/view\_student\_analytics*](http://localhost/final/teacher/view/view_student_analytics) |
| Expected Result | 1. The web page for the teacher personnel should be accessed 2. There’s analytic graphs and results for all the student per quarter in a school |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SETTINGS TEST CASE | |
| Test Suit ID | TS040 |
| Test Case ID | TS040 |
| Test Case Summary | To verify that clicking the Settings button generates the other two buttons which are the View Profile button and the Sign Out button. |
| Related Requirement | TS035 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button |
| Test Data |  |
| Expected Result | 1. The web page for the teacher personnel should be accessed 2. There is a “Settings” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW PROFILE TEST CASE | |
| Test Suit ID | TS041 |
| Test Case ID | TS041 |
| Test Case Summary | To verify that clicking the View Profile button generates the user information. |
| Related Requirement | TS035 & TS040 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click “View Profile” button |
| Test Data |  |
| Expected Result | 1. The web page for the teacher personnel should be accessed 2. There’s a user information |
| Actual Result | On clicking the View Profile button, the expected result is not met. |
| Status | Fail |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SIGN OUT TEST CASE | |
| Test Suit ID | TS042 |
| Test Case ID | TS042 |
| Test Case Summary | To verify that clicking the Sign Out button generates to the Login page |
| Related Requirement | TS035 & TS040 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click Sign out” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/login*](http://localhost/final/login) |
| Expected Result | 1. The web page for the teacher personnel should be accessed 2. The account will be signed out 3. The button will generate back to Login page |
| Actual Result | If the user is authorized, the result is as expected |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

1. Principal

|  |  |
| --- | --- |
| LOGIN TEST CASE | |
| Test Suit ID | TS043 |
| Test Case ID | TS043 |
| Test Case Summary | To verify that clicking the Submit button generates the page for the Principal personnel. |
| Related Requirement | N/A |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Input username 2. Input password 3. Click the submit button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/principal/principal\_home*](http://localhost/final/principal/principal_home) |
| Expected Result | 1. The webpage for the principal personnel should be accessed 2. There is a button for minimize and maximize the header taskbar 3. There’s notifications in the dashboard 4. There is a “Settings” button 5. There is a “View Informations” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW INFORMATION TEST CASE | |
| Test Suit ID | TS044 |
| Test Case ID | TS044 |
| Test Case Summary | To verify that clicking the “View Informations” dropdown button generates the dropdown list consist of View School Analytics, View School Result, View School Users |
| Related Requirement | TS043 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button |
| Test Data |  |
| Expected Result | 1. The web page for the principal personnel should be accessed 2. There is a “View Informations” dropdown list 3. There is a “View School Analytics” button 4. There is a “View School Result” button 5. There is a “View School Users” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW SCHOOL ANALYTICS TEST CASE | |
| Test Suit ID | TS045 |
| Test Case ID | TS045 |
| Test Case Summary | To verify that clicking the View School Analytics button in the dropdown list generates the analytics result of the school. |
| Related Requirement | TS043 & TS044 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View School Analytics” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/principal/view/view\_school\_analytics*](http://localhost/final/principal/view/view_school_analytics) |
| Expected Result | 1. The web page for the principal personnel should be accessed 2. There’s analytic graphs and results for the whole school |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW SCHOOL RESULTS BY SECTION TEST CASE | |
| Test Suit ID | TS046 |
| Test Case ID | TS046 |
| Test Case Summary | To verify that clicking the View School Results button in the dropdown list generates the list per section in a school |
| Related Requirement | TS043 & TS044 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View School Results” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/principal/view/view\_school\_results*](http://localhost/final/principal/view/view_school_results) |
| Expected Result | 1. The web page for the principal personnel should be accessed 2. There is a list form of the results per section in a school 3. The list contains with Section Name, Overall Score by Section, Max Score, Percentage |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW SCHOOL USERS TEST CASE | |
| Test Suit ID | TS047 |
| Test Case ID | TS047 |
| Test Case Summary | To verify that clicking the View School Users button in the dropdown list generates the list of the users in a school. |
| Related Requirement | TS043 & TS044 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View School Users” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/principal/view/view\_school\_users*](http://localhost/final/principal/view/view_school_users) |
| Expected Result | 1. The web page for the principal personnel should be accessed 2. There is a list of all the users in a school 3. The list contains with User ID, Username, Position |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SETTINGS TEST CASE | |
| Test Suit ID | TS048 |
| Test Case ID | TS048 |
| Test Case Summary | To verify that clicking the Settings button generates the other two buttons which are the View Profile button and the Sign Out button. |
| Related Requirement | TS043 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button |
| Test Data |  |
| Expected Result | 1. The web page for the principal personnel should be accessed 2. There is a “Settings” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW PROFILE TEST CASE | |
| Test Suit ID | TS049 |
| Test Case ID | TS049 |
| Test Case Summary | To verify that clicking the View Profile button generates the user information. |
| Related Requirement | TS043 & TS048 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click “View Profile” button |
| Test Data |  |
| Expected Result | 1. The web page for the principal personnel should be accessed 2. There’s a user information |
| Actual Result | On clicking the View Profile button, the expected result is not met. |
| Status | Fail |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SIGN OUT TEST CASE | |
| Test Suit ID | TS050 |
| Test Case ID | TS050 |
| Test Case Summary | To verify that clicking the Sign Out button generates to the Login page |
| Related Requirement | TS043 & TS048 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click Sign out” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/login*](http://localhost/final/login) |
| Expected Result | 1. The web page for the principal personnel should be accessed 2. The account will be signed out 3. The button will generate back to Login page |
| Actual Result | If the user is authorized, the result is as expected |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

1. Student

|  |  |
| --- | --- |
| LOGIN TEST CASE | |
| Test Suit ID | TS051 |
| Test Case ID | TS051 |
| Test Case Summary | To verify that clicking the Submit button generates the page for the Student. |
| Related Requirement | N/A |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Input username 2. Input password 3. Click the submit button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/student/student\_home*](http://localhost/final/student/student_home) |
| Expected Result | 1. The webpage for the student should be accessed 2. There is a button for minimize and maximize the header taskbar 3. There’s notifications in the dashboard 4. There is a “Settings” button 5. There is a “View Informations” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW INFORMATION TEST CASE | |
| Test Suit ID | TS052 |
| Test Case ID | TS052 |
| Test Case Summary | To verify that clicking the “View Informations” dropdown button generates the dropdown list consist of View Analytics, View Results |
| Related Requirement | TS051 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button |
| Test Data |  |
| Expected Result | 1. The web page for the student should be accessed 2. There is a “View Informations” dropdown list 3. There is a “View Analytics” button 4. There is a “View Results” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW ANALYTICS TEST CASE | |
| Test Suit ID | TS053 |
| Test Case ID | TS053 |
| Test Case Summary | To verify that clicking the View Analytics button in the dropdown list generates the analytics result of a student. |
| Related Requirement | TS051 & TS052 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View Analytics” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/student/view/view\_student\_analytics*](http://localhost/final/student/view/view_student_analytics) |
| Expected Result | 1. The web page for the student should be accessed 2. There’s analytic graphs and results for each quarter of a student |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW RESULTS TEST CASE | |
| Test Suit ID | TS054 |
| Test Case ID | TS054 |
| Test Case Summary | To verify that clicking the View Results button in the dropdown list generates the list of scores per subject per quarter. |
| Related Requirement | TS051 & TS052 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “View Informations” dropdown button 2. Click “View Results” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/student/view/view\_student\_result*](http://localhost/final/student/view/view_student_result) |
| Expected Result | 1. The web page for the student should be accessed 2. There is a list form of the results a student 3. The list contains with Exam Name, Score, Total Score, Grade, Status |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SETTINGS TEST CASE | |
| Test Suit ID | TS055 |
| Test Case ID | TS055 |
| Test Case Summary | To verify that clicking the Settings button generates the other two buttons which are the View Profile button and the Sign Out button. |
| Related Requirement | TS051 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button |
| Test Data |  |
| Expected Result | 1. The web page for the student should be accessed 2. There is a “Settings” button |
| Actual Result | If the user is authorized, the result is as expected. |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| VIEW PROFILE TEST CASE | |
| Test Suit ID | TS056 |
| Test Case ID | TS056 |
| Test Case Summary | To verify that clicking the View Profile button generates the user information. |
| Related Requirement | TS051 & TS055 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click “View Profile” button |
| Test Data |  |
| Expected Result | 1. The web page for the student should be accessed 2. There’s a user information |
| Actual Result | On clicking the View Profile button, the expected result is not met. |
| Status | Fail |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

|  |  |
| --- | --- |
| SIGN OUT TEST CASE | |
| Test Suit ID | TS057 |
| Test Case ID | TS057 |
| Test Case Summary | To verify that clicking the Sign Out button generates to the Login page |
| Related Requirement | TS051 & TS055 |
| Prerequisites | 1. User is authorized |
| Test Procedure | 1. Click “Settings” button 2. Click Sign out” button |
| Test Data | It will direct to this webpage:  [*http://localhost/final/login*](http://localhost/final/login) |
| Expected Result | 1. The web page for the student should be accessed 2. The account will be signed out 3. The button will generate back to Login page |
| Actual Result | If the user is authorized, the result is as expected |
| Status | Pass |
| Remarks |  |
| Created By | Joneil Thom O. Llantos |
| Date | February 20, 2018 |
| Executed By | Rhea-Eve M. Ayungon |
| Date of Execution | March 19, 2018 |
| Test Environment | * OS: Windows 10 * Browser: Chrome |

**REFERENCES**

|  |  |
| --- | --- |
| [1] | M. College, "Molloy College," [Online]. Available: https://www.molloy.edu/Documents/DSSDocumentationGuidelines.pdf. |
| [2] | J. Wu, "Agile Qa Framework Jacky Wu," [Online]. Available: https://www.slideshare.net/jackywxd/agile-qa-framework-jacky-wu. |