

## TSPA Use Cases

<b>ID:</b>	<b>TSPA0001</b>
<b>Title:</b>	Employee_Schedule_Management
<b>Description:</b>	Web view for administration to manage employee scheduling.
<b>Primary Actor:</b>	Administrator
<b>Preconditions:</b>	Administration creates an excel document with dates and times to email to each of the employees.
<b>Postconditions:</b>	Administration has management access over a shared view with employees which they can create the schedule and the employees can view, without the need for emailing.
<b>Main Success Scenario:</b>	There will be a portal which administrators and employees can view a shared calendar. This calendar will show dates and times of each employee. The administrator will have access to a year in advance for scheduling and will input the schedule in with the excel sheet. This is where the system will process the excel sheet into the calendar for ease of use. The calendar view will have filters for each employee class to make it easier to view the schedules for specific types of employees.
<b>Extensions:</b>	If the administrator does not stick to a specified format for the excel sheet, it would throw off how the system displays the view in the calendar. Due to this, there will need to be manual editing in the calendar view for members with administrator access.
<b>Frequency of Use:</b>	Each schedule is posted for the month. It will be posted by the administrator in that frequency to be viewed throughout the month.
<b>Status:</b>	No Progress
<b>Owner:</b>	Christopher Frank
<b>Priority:</b>	VERY HIGH

<b>ID:</b>	<b>TSPA0002</b>
<b>Title:</b>	Student_Attendance_Log
<b>Description:</b>	Automatically track and save Student attendance
<b>Primary Actor:</b>	Student
<b>Preconditions:</b>	Students use a fingerprint scanner which logs the date and time for their entry, breaks and exits. These logs are manually taken and copied into an Excel sheet for data keeping. From there, the attendance will be viewed for each student to ensure they meet hours for graduation requirements.
<b>Postconditions:</b>	Students use finger-print scanner which logs the date and time for their entry, breaks and exits. These logs will be automatically collected into the system and profiled under each student. Tracking each log, as well as automatically compiling them into total_hours_per_week/semester.
<b>Main Success Scenario:</b>	When students use the fingerprint scanner it is to indicate they are signing in for the day, taking a break, or signing out for the day. When the students use it for the first time (for each day), the system will log the date and time of the entry, and until the next entry is logged, the time will be compiled for their total time. When they use it again to check out, the time and date will be logged, along with stopping that compilation of total time.
<b>Extensions:</b>	If a student leaves for the day and forgets to sign out, the system would continue to count and would actually mark them as checking out the next day when they sign in, with all of that time at night counted for them. To combat this, there will be an automatic time-out function which would sign them out, and alert administration that they didn't sign out within an hour of their scheduled class hours ending.
<b>Frequency of Use:</b>	The students sign in and out throughout the day, each day, weekday and weekend. This all depends on if the business is operational (business as usual).
<b>Status:</b>	No Progress
<b>Owner:</b>	Christopher Frank
<b>Priority:</b>	HIGHEST

<b>ID:</b>	<b>TSPA0003</b>
<b>Title:</b>	Client_Appointment_Handler
<b>Description:</b>	Allow students to view upcoming appointments and client profiles
<b>Primary Actor:</b>	Student
<b>Preconditions:</b>	When a client schedules an appointment, the support staff designate which students get which clients based off student graduation needs and current experience. The client will be told which student to go to for their appointment.
<b>Postconditions:</b>	When a client schedules an appointment, the support staff designate which students get which clients based off student graduation needs which will be viewable from the scheduling view. From then until after the appointment is complete, the student will be able to view the appointment along with any notes that may have made previously for that client's profile.
<b>Main Success Scenario:</b>	Clients create appointments with the support staff, who will enter it into the system, which is viewable by the student who is assigned the client. The students will be able to leave special comments on the Client's profile, which their names will be attached to for future reference.
<b>Extensions:</b>	Educators will also need to be able to track appointments and have administrative power to switch which student has which client. This will ensure the support staff will not have to be told when a different student is in need of a specific type of appointment.
<b>Frequency of Use:</b>	This will be used daily, throughout the day, for each appointment.
<b>Status:</b>	No Progress
<b>Owner:</b>	Christopher Frank
<b>Priority:</b>	MEDIUM

<b>ID:</b>	TSPA0004
<b>Title:</b>	Product_Management
<b>Description:</b>	Track amount/ type of product on-hand.
<b>Primary Actor:</b>	Support Staff
<b>Preconditions:</b>	To track how much product is on-hand and what has been sold or used by the students, the support staff will count each item and track it on a sheet of paper to be filled into an Excel sheet later.
<b>Postconditions:</b>	There will be a running track of product in the system which the staff will double-check. Each item includes an optional photo and a running total for on-hand, sold, or used.
<b>Main Success Scenario:</b>	When a client purchases product, the support staff will simply include the amount sold in the system, on the product view. At the end of the day, the support staff will count the items used as usual and also mark that in the system.
<b>Extensions:</b>	The data will be collected and stored for administrator analysis to see how much students are using and how much product is being sold. The log will also track which staff kept track for better accountability.
<b>Frequency of Use:</b>	Each time a client purchases an item and each day during use count.
<b>Status:</b>	No Progress
<b>Owner:</b>	Christopher Frank
<b>Priority:</b>	LOW

