

## Final Prototype & Prototyping Process

After the interview, it was evident that most of the suggestions were based upon increasing the accessibility to all parties. Improvements made from the interview are shown below.

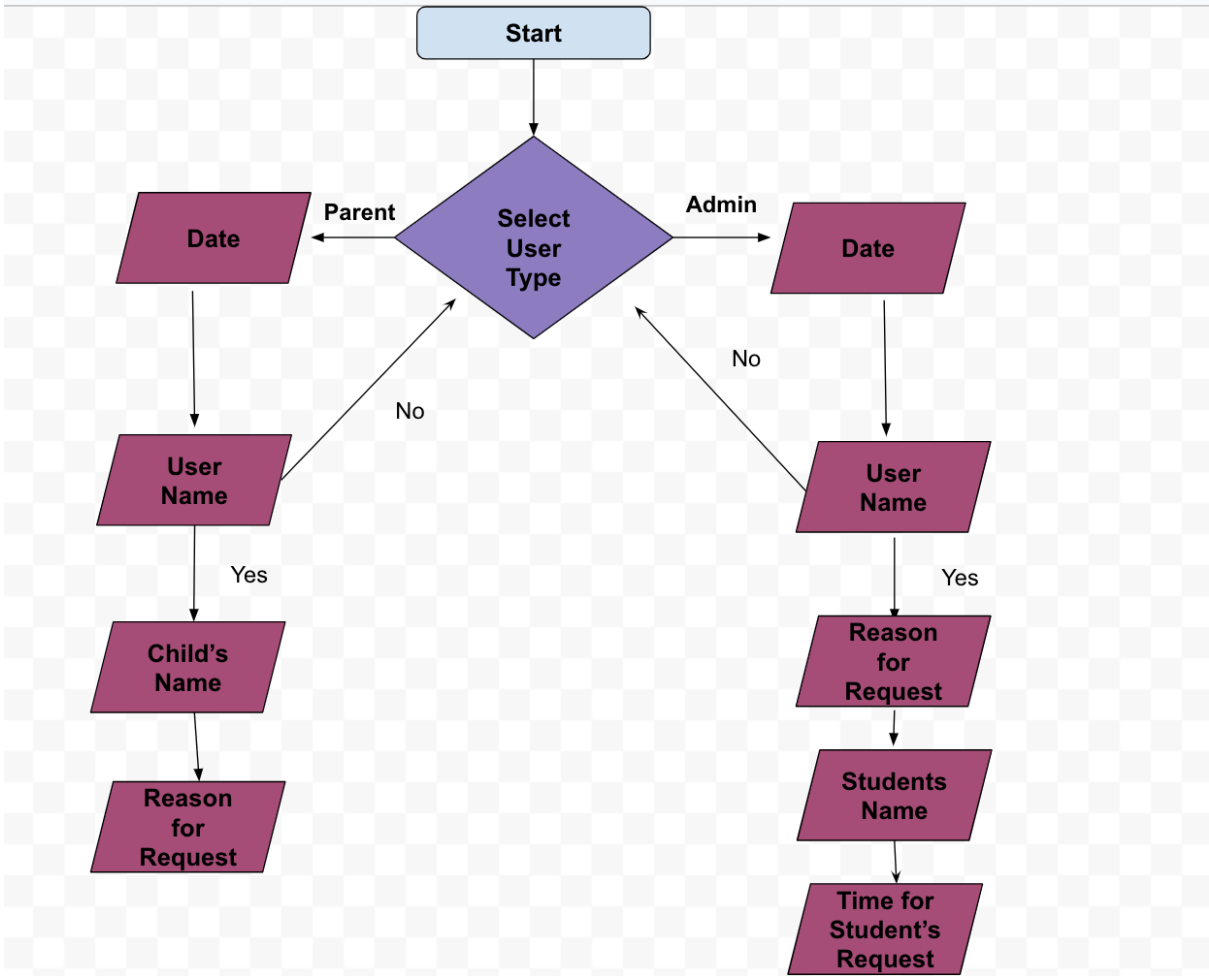
### Input table

Input	Data Type	Normal Range	Example
Name of User	String	Cannot be left blank otherwise	Ms. Augustin
Date	Int	Not left blank	28/2/22
Task	String	Not left blank otherwise	Absences/Gate Pass
Email	String	Not left blank otherwise	16229@students.isb.ac.th
Name of Student	String	Not left blank	Rikki Nishioka
Time	Int	Not left blank	7:20 Am

### Output Table :

Input	Data Type	Normal Range	Example
Name of User	String	Cannot be left blank otherwise	Ms. Augustin
Date	Int	Not left blank	28/2/22
Task	String	Not left blank otherwise	Absences/Gate Pass
Email	String	Not left blank otherwise	16229@students.isb.ac.th
Name of Student		Not left blank	Rikki Nishioka
Time	Int	Not left blank	7:20 Am

### **Flow Charts**



Testing Plan- (Google Forum)			
Input	Output	Border	Abnormal
Time	Time≠Time on form submit. Should be the time inputted.	Left Blank	Has any String in the time
All text fields	Any String values	Left Blank	N/A
Trigger "On Form Submit"	All information placed on google form	N/A	No information in google form
Email	Should have domain "@isb.ac.th"	N/A	Does not have "@isb.ac.th"

<b>Testing General Functionality</b>	
<b>Action to Test</b>	<b>Method of Testing Expected Results</b>
Function-Add Record	- All information is placed on the google form in the correct heading.
Function - autoSort	- Column 3 (The column containing requests). Should be sorted by ascending alphabetical order to ensure "Admin Requests" are prioritized
Function- autoEmail	- Ms. Gade should receive an email that is pulled from a google docs template immediately after the form is filled in and submitted.
Trigger- OnFormSubmit	- Should complete all three functions above simultaneously

### **Pseudocode of the System.**

Get data from Google Form

Organize all answers to match the individual array with the corresponding question

Organize Data alphabetically, ascending//admin request more important than parents

Email Ms. Gade to notify that someone has filled in the form

**Word Count:352**

