

# **SOFTWARE ENGINEERING 1**

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Challenges and Opportunities | Proposed System Flow

**PRESENTATION BY:**

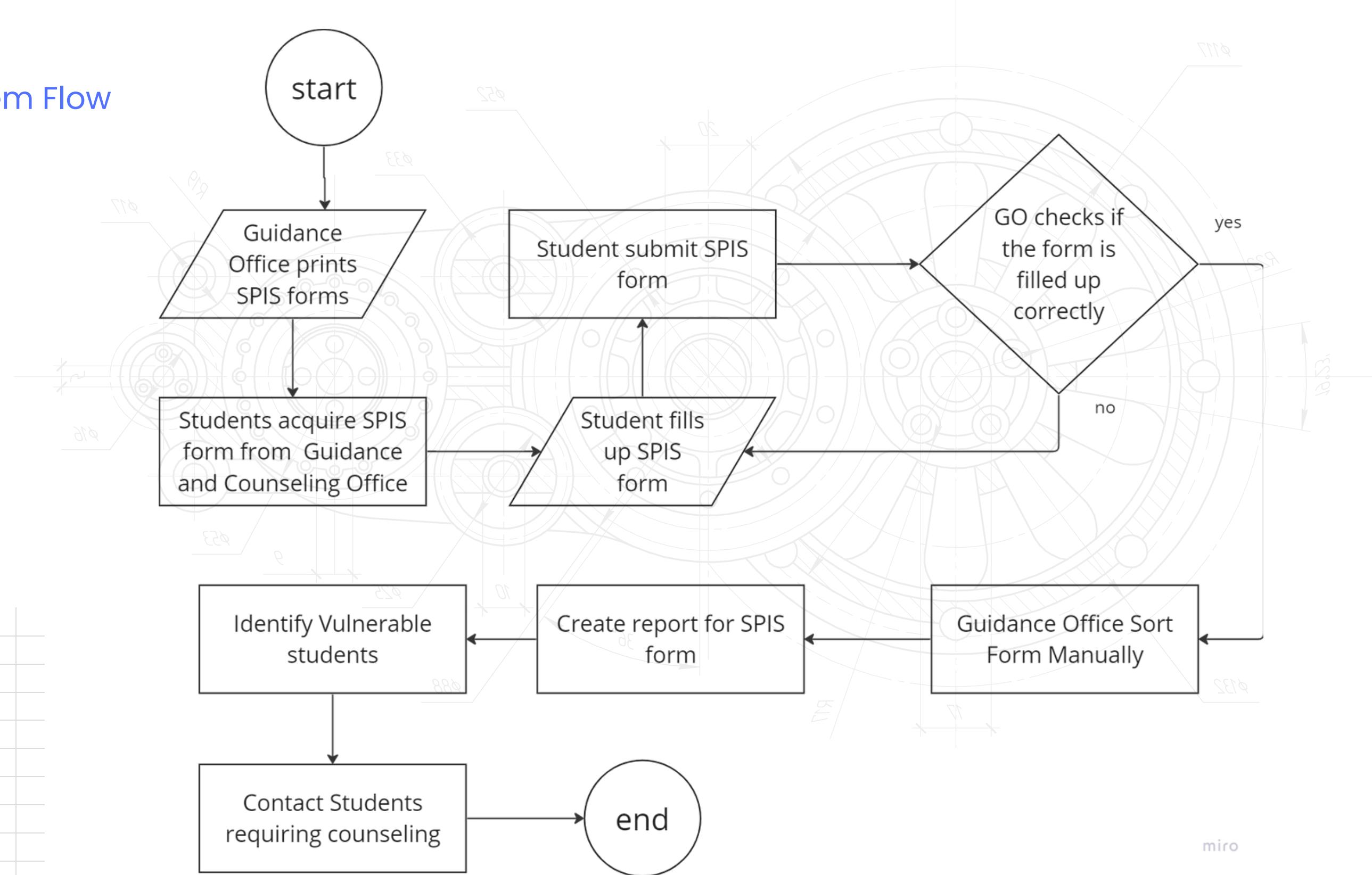
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# SYSTEM FLOW CHART

current system

# SYSTEM FLOW

## Current System Flow



# CHALLENGES AND OPPORTUNITIES

Guidance and Counselling Office – SPIS Forms

# CHALLENGES and OPPORTUNITIES

Identified Challenges and Opportunities for Enhancing the SPIS Form System Flow in the Guidance and Counseling Offices.

## Printing of SPIS Forms

- Can be digitalized
- Avoid cost for printing
- Eliminate form errors

## Acquiring of SPIS Forms

- Going physically to Guidance Offices can be eliminated, therefore saving time
- Access to SPIS forms through online
- Can fill up forms online/digitally

## Checking of Forms

- Can be eliminated by automating the checking by digitilizing the SPIS forms to quickly identify the missing input fields
- Saves time and effort

# CHALLENGES and OPPORTUNITIES

Identified Challenges and Opportunities for Enhancing the SPIS Form System Flow in the Guidance and Counseling Offices.

## Manual Sorting

- Can be improved through using sorting algorithms since forms will be migrated in to digital
- Eliminate time consumption and errors

## Manual Report Making

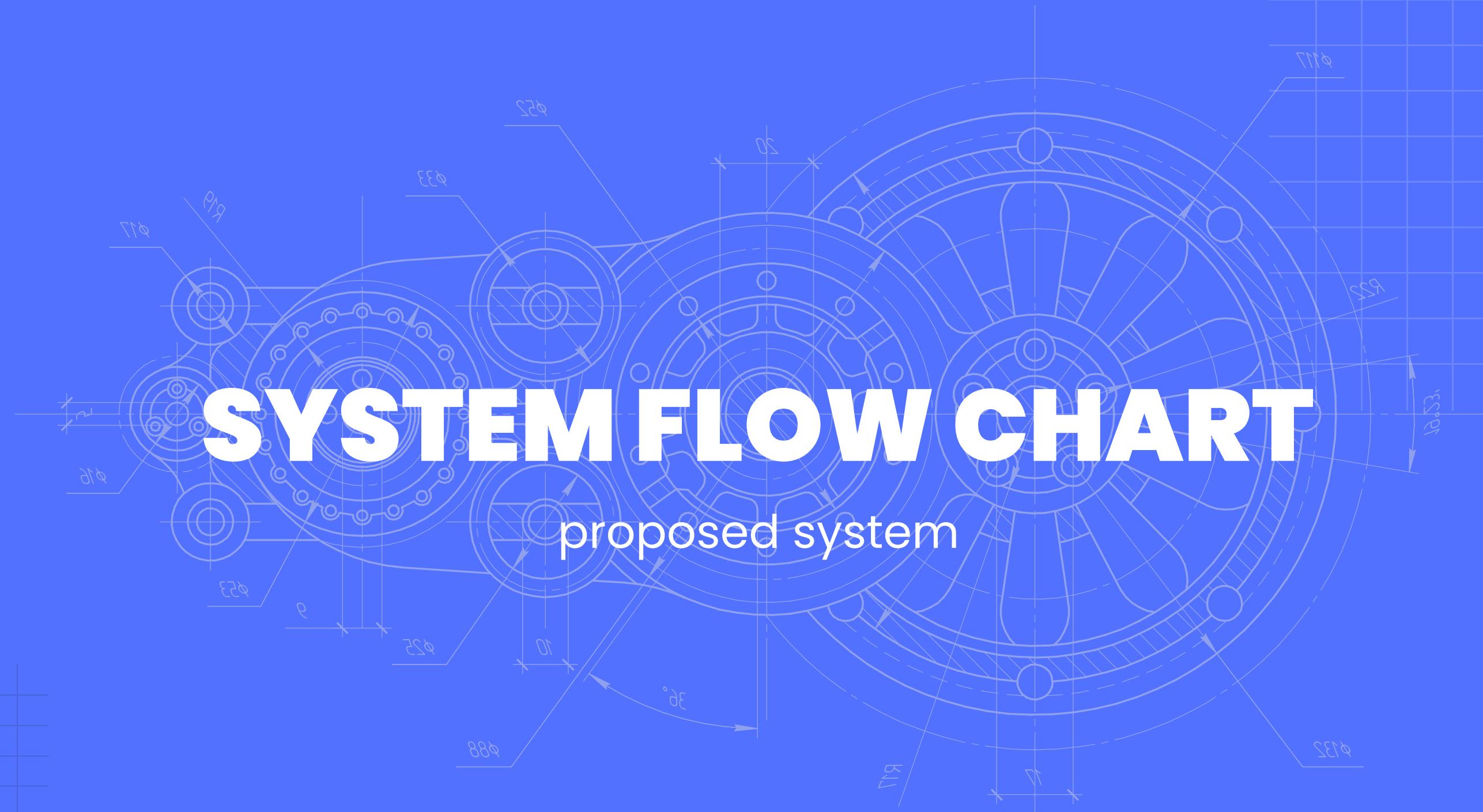
- Report can be auto generated if forms are digitalized
- This reduces human error
- Can now easily identify vulnerable students
- Counsellors can now take immediate action

## Submissions

- Student dont have to go to the Guidance Office
- Filling up of forms can be done though online
- This promotes confidentiality of forms as it will go directly to the guidance counsellor

# SYSTEM FLOW CHART

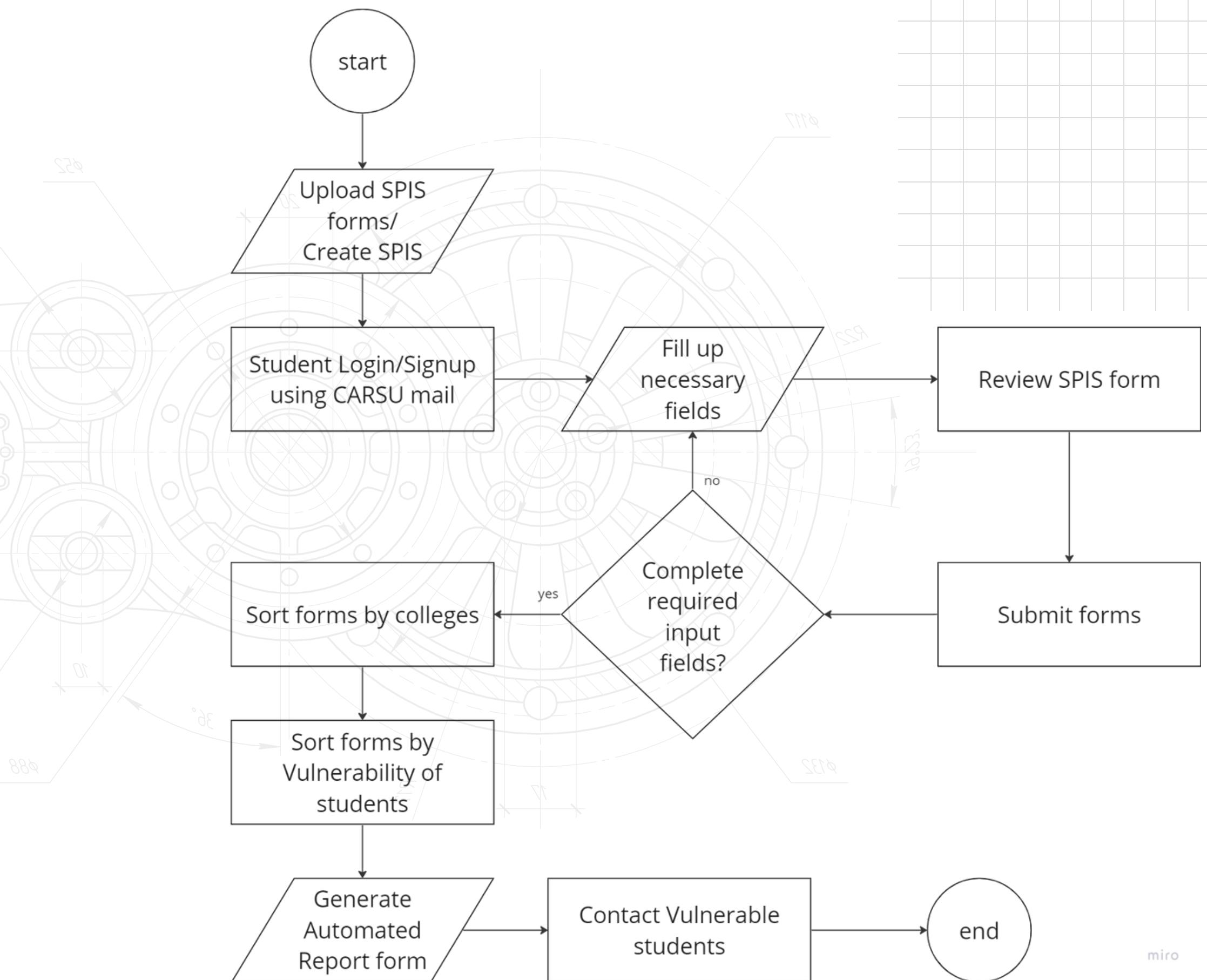
proposed system



# SYSTEM FLOW

Proposed system flow for SPIS forms for Guidance and Counselling Office

- SPIS forms are now digitalized
- Can be accessed through website or mobile phone
- Efficient automated generation of forms
- Efficient sorting and identification of vulnerable students
- Time saving for both students and counsellors





# THANK YOU

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