In my last employment in Setu Net Pvt Ltd, my task was to create iOS app from their existing Web version ERP application.

In ERP application there are several forms where user have to give inputs, so i would like to tell you about one of complex form I have worked on,

Injury Incident Form

This application is for internal use of the company, where employees can file incidents on site, like they used to do on paper forms then go to the office and fill it again on web application.

In this form there were on average 50 input fields combination of date picker, dropdown menu, custom selection, calculation of inputs, multiple sub forms.

This iOS project is a storyboardless project so I have to design the form completely programmatically in UIKit, which is kind of challenging for me.

After user complete form input there was validation for incomplete detail, if anything left out it should be scroll to that field.

Later all fields data will be arranged to dictionary data type and sent to the server.

This app is under development and this will be published in the Business app category, as Apple does not allow it in the Public App store.

Please find below screenshot for reference.

Injury

Ref No. : Auto Generate

Reported Date	Reported Time
13.Jan.2021	09:31

Reported By   superadmin
superadmin   ▼

Incident Date	Incident Time
13.Jan.2021	09:31

Shift
Select Shift   ▼

DIC
Select DIC   ▼

Department
Select Department   ▼

Department Head

Location
Select Location   ▼

[Inside | Outside]   [Works | Projects | Road]

Enter Location of incident

Injury

[Inside | Outside]   [Works | Projects | Road]

Enter Location of incident

Enter Description of incident

Enter Immediate Action Taken

Mechanism of Injury

Category
Select Category   ▼

Sub Category
Select Sub Category   ▼

Injured Person Details

Own Employee Injured

Employee Type
Select Employee Type   ▼

Employee Name
Select Employee   ▼

Employee Age   Rest Days

Injury

Injured Person Details

Own Employee Injured

Employee Type
Select Employee Type   ▼

Employee Name
Select Employee   ▼

Employee Age   Rest Days
0

Injury Nature (for doctor only)
Select Injury Nature   ▼

Body Parts Injured (for doctor only)
Select Body Parts   ▼

Incident Type (for doctor only)
Select Incident Type   ▼

⊞ Add More

Visitors/Contractor Employee Injured

Visitors
Select Visitor Type   ▼

Enter Contractor Agency Name

Visitors/Contractor Employee Injured

Visitors

Select Visitor Type ▼

Enter Contractor Agency Name

Enter Visitor Employee Name

Employee Age   Rest Days

0

Injury Nature (for doctor only)

Select Injury Nature ▼

Body Parts Injured (for doctor only)

Select Body Parts ▼

Incident Type (for doctor only)

Select Incident Type ▼

⊞ Add More

Witnesses

Select Witness Type   Cancel

Witnesses

Select Witness Type   Cancel

Risk Matrix

ⓘ Risk Rating

Select Probability

Select Severity

Result

Document

🔗 Attach

Select Probability

Select Severity

Result

Document

🔗 Attach

📎 Max 1 MB

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