# We want to offer you a well-equipped and beautiful website!

#### Prework

First of all, we have to investigate your old website. There we have to note advantages and disadvantages of your old site in the aspect like configuration, style, content and etc.

#### Admin area

## User management

This function is implemented on all website. So, we think we don't have to explain about that. Admin could have to create, update, delete user data.

## 2. Question management

We think this part is one of the most important.

First, Admin have default questions. For example: "What is your gender?", "Where do you live?", "How old are you?"

We think these questions are needed for all surveys. Of course, admin could have to edit default questions.

We need many default questions. Can you give us these questions?

Second, Admin could have to make new questions and items of answer for various surveys. This function depends on the kind of surveys.

Third, Admin could have to set the question type.

Simple question types include Descriptive Text, Text Box, Radio Button, Check Box, Drop Down, Demographics, Rating Scale, Symbol Rating Scale, Ranking, Date, Net Promoter Score, and Image Choice.

**Grid questions** include Multiple Text Box, Multiple Drop Down, Radio Grid, Check Box Grid, Rating Radio Grid, Rating Drop Down Grid, Rating Scale Grid, and Matrix Grid. **Advanced question** types include Horizontal Radio, Drill-Down, Numeric Allocation, Attachment, Rating Radio Button, Rating Drop Down, List Box, and Signature.

## 3. Survey Data management

This part is for survey data saved. Admin could have to manage survey data.

# 4. Survey Analysis management

We think this part is very important. Survey is needed for Analysis, Data Extraction, Situation understanding, Prediction. So, in this part, 4 algorithms are used to analyze survey data. Admin could have to select his/her algorithm and analyze the survey data using that. Then, Admin could have to show the chart like histogram and export to Excel, PDF with result.

## 5. Other

### User Area

## 1. Sign in & Sign up

This function is implemented on all website. So, we think we don't have to explain about that. User could have to create and update user data.

# 2. Survey

User could have to take part in survey in the convenient way. This part depends on the quality of web site style and questions. After survey, the data is should be saved.

## 3. Other

#### **Database**

This part is not independent but it takes a long time. We select MongoDB for building.

# **Timeline**

Although we made several websites, survey website differs from others. Specially, we have to use surveyJS and this is new for us. Hence, we set timeline as following:

For prework: undefined

We have already investigated the old website a little.

For Admin Area: Total 26 hours

User Management: 1 hour

Question Management: 12 hours Survey Data Management: 1 hour Survey Analysis Management: 12 hours

For User Area: 13.5 hours

Sign in & Sign out: 1.5 hour

Survey: 12 hours

DB: 12 hours

According to your requirement, we are going to make Question Management page and Survey page.

PS. "Other" sections means for feedback.