# **WEB**

# **Introduction**

https://github.com/SverbliukRoman/grampus/blob/master/Backend/README.md

## **1. Purpose**

The Purpose of this document is to outline the requirements for the “Grumpus” website which is developed for professional skills estimation. This document will be used by all stakeholders including developers and QA engineers

**2. The aim of the website**

The website is created to evaluate employees` performance in big IT companies. The website provides statistics of positive (likes) and negative (dislikes) feedbacks from employees on performance of their colleagues in the form of graph (pie chart). There are two roles 1. User (the employee of the company) and admin (won`t be developed)

**3. Technical Requirements**

**Home page**

**Functional**

**Business**

B1 The employee of the company is able to use the sign up window on the homepage of website to sign up with the website

B2 The employee of the company is able to use the sign in window on the homepage of website to sign in with the website

B3 The employee of the company is able to read our company business related information after clicking on “Business” tab in the header of the website

B4 The employee of the company is able to read our company main idea and goals related information after clicking on “Features” tab in the header of the website : “Timely employee evaluation is a critical element in managing a business. Research has proven that more than 34% of all employees have unsolved questions about their role in the organization, over 45% lack understanding on what others in the organization do and more than 70% admit that they could use more input about their job performance. Grampus evaluation software enables setting up simple, quick and effective evaluations for employees

Grampus is created to evaluate employees` performance in big IT companies. It provides statistics of positive (likes) and negative (dislikes) feedbacks from employees and company managers on performance of their colleagues in the form of pie chart. Enable real-time continuous feedback engages employees by giving them clear deliverables for themselves”

B5 The employee of the company is able to read information about the team which produced the website after clicking on “About Us” tab in the header of the website.

B6 The employee of the company is able to get acquainted with the motto of our company: “ The harder I work, the more luck I have”

**Sign up window**

**Functional**

**Business**

B1 The employee of the company is able to use the sign up window to sign up with the application

**Non Functional**

N1 In the middle of the screen there is an opaque square registration panel with three textboxes and one button

N2 Upper textbox is for Full name and contains “Write your name” hint

N3 Middle textbox is for email and contains “Enter your email” hint

N4 Lower textbox is for password and contains “Enter your password” hint

N5 “SIGN UP” button is green with rounded angles. Has a label “Sign Up” The text on the button is white

N6 In the bottom of the Sign Up window there is a text: “Have you already created your account?” And link: “**Sign In”**

“Write your name” textbox

N1 Empty “Write your name” textbox is not allowed

N2 First character cannot have space

N3 When user clicks on “Write your name” input field hint disappears

N4 When “Write your name” textbox is empty it should contain hint (“Write your name”)

N5 Text can be pasted from clipboard

N6 ‘Write your name” textbox length is 2-50 characters, spaces allowed

N7 If less than 2 characters inserted into “Write your name” textbox error message: “This field should contain more than two characters”

N8 Digits are not allowed in “Write your name” textbox

N9 Special symbols are not allowed in “Write your name” textbox

N10 If “Write your name” textbox was left empty and “Sign Up” button clicked error message (“Please enter your name”) should appear

“Enter your email” textbox

N1 Empty “Enter your email” textbox is not allowed

N2 First character cannot have space

N3 When email textbox is empty it should contain hint (““Enter your email””)

N4 If “Enter your email” textbox was left empty and “Sign Up” button clicked error message (“Please enter email address”) should appear

N5 Text can be pasted from clipboard

N6 When user clicks on email input field hint disappears

N7 If email address already exists error message: “This email address already exists, please enter another email address ” appears

Password textbox

N1 Password field must not be empty

N2 Minimum length is 6 characters, maximum length is 24 characters

N3 When password textbox is empty it should contain hint (“Enter your password”)

N5 If Password textbox was left empty and “Sign Up” button clicked error message (“Please enter password”) should appear

N6 Text can be pasted from clipboard

N7 When user clicks on password input field hint disappears

N9 If wrong password was entered error message: “Please, enter correct password” appears

“Sign up” button

N1 If all textboxes were filled in correctly after clicking on button “Sign Up” modal window “Registration success. Thank you.We have sent you an email to (email address of the user)” appears and user is redirected to sign in window and new user account is successfully created

N2 If all textboxes were filled in correctly after pushing keyboard button “Enter” modal window: “Registration success. Thank you.We have sent you an email to (email address of the user)” appears and user is redirected to sign in window and new user account is successfully created

N3 If any textbox is empty after clicking button “Sign Up” /pushing “Enter” keyword button message “Please, fill in all text fields” appears

N4 After registration user receives email with registration confirmation

N5 In the sign up window a new user types in all of his/her information and clicks “Sign Up” button, the data is then validated to make sure there is not an existing user with these credentials. If there is an existing user then the user is asked to enter correct credentials. If there is no conflict with the credentials then the user is registered and email is sent to verify registration

“**Sign In”** link

N1 After clicking “Sign In” link the user is redirected to “Sign in window”

N2 “**Sign In”** link text is green and gets highlighted upon mouse hover

**Sign in window**

**Functional**

**Business**

B1 The employee of the company is able to use the sign in window to sign in with the website

**Non Functional**

N1 In the middle of the screen there is an opaque square registration panel with two textboxes and one button

N3 Upper textbox is for email and contains “Enter your email” hint

N4 Lower textbox is for password and contains “Enter your password” hint

N5 “Sign Up” button is green with rounded angles. Has a label “Sign In” The text on the button is white

N6 In the bottom of the “Sign In” window there is a text: “Or you can create account and **Sign Up“**

“Enter your email” textbox

N1 Empty “Enter your email” textbox is not allowed

N2 First character cannot have space

N3 When email textbox is empty it should contain hint (““Enter your email””)

N4 If “Enter your email” textbox was left empty and “Sign Up” button clicked error message (“Please enter email address”) should appear

N5 Text can be pasted from clipboard

N6 When user clicks on email input field hint disappears

N7 If email address already exists error message: “This email address already exists, please enter another email address ” appears

Password textbox

N1 Password field must not be empty

N2 Minimum length is 6 characters, maximum length is 24 characters

N3 When password textbox is empty it should contain hint (“Enter your password”)

N5 If Password textbox was left empty and “Sign Up” button clicked error message (“Please enter password”) should appear

N6 Text can be pasted from clipboard

N7 When user clicks on password input field hint disappears

N9 If wrong password was entered error message: “Please, enter correct password” appears

“Sign in” button

N1 If all textboxes were filled in correctly after clicking on button “Sign in” or pushing keyboard button “Enter” the user should be redirected to his Profile window

N2 If any textbox is empty after clicking button “Sign In” /pushing “Enter” keyword button message “Please, fill in all text fields” appears

“**Sign Up”** link

N1 After clicking “Sign Up” link the user is redirected to “Sign up window”

N2 “**Sign Up”** link text is green and gets highlighted upon mouse hover

**Modal window “Registration success. Thank you.We have sent you an email to (email address of the user)”**

**Functional**

**Business**

The user of the application is assured that he/she created account with website successfully

**Functional**

R1 When user entered all textboxes correct and clicked on button “SIGN UP” modal window with the message: “Registration success. Thank you.We have sent you an email to (email address of the user)” appears

R2 In the bottom of the modal window there is a button “Close” upon clicking on which the user confirms registration, modal window closes and the user is redirected to sign in window

**Profile window**

**Functional**

**Business**

The employee of the company is able to:

B1 download/edit avatar/photo

B2 receive achievements according to quantity of likes:

B2.1 when the user receives 25 likes for best look then he/she gets “Best Looker” achievement

B2.2 when the user receives 25 likes for good work then he/she gets “Super Worker” achievement

B2.3 when the user receives 25 likes for good soft skills then he/she gets “Extrovert” achievement

B3 receive achievements according to quantity of dislikes:

B3.1 when the user receives 25 likes for untidy look then he/she gets “Untidy” achievement

B3.2 when the user receives 25 likes for bad work then he/she gets “Deadliner” achievement

B3.3 when the user receives 25 likes for bad soft skills then he/she gets “Introvert” achievement

B4 add/edit self information

B5 add/edit skills

B6 Each employee of the company has likes and dislikes analytic graph

**Functional**

There are “About field”, “Achievements”, “Information”, “Skills” and “Graph” fields on the user`s profile

F1 “About field” consist of:

F1.1 User avatar photo with possibility to change it

F1.2 User Full name

F1.3 User position in the company (only admin can edit it)

F1.4 Likes counter

F1.5 Dislikes counter

F2 “Achievements” field according to quantity of likes/dislikes :

F2.1 Three achievements according to likes quantity:

* Best Looker
* Super Worker
* Extrovert

F2.2 Three achievements according to dislikes quantity:

* Untidy
* Deadliner
* Introvert

F3 “Information” field:

Text field with self information about user`s preferences, hobbies etc. with possibility to edit

F4 “Skills” field:

Text field with user`s skills with possibility to edit

F5 “Graph” field:

Likes and dislikes circle graph

**Non Functional**

N1 In the upper left corner of the screen there is “About” square field for uploading the photo, fields for name and the user position, likes and dislikes counter

N2 All fields are divided by horizontal grey lines

N3 In lower right corner of the “Information” field there is “+” round shaped green on click button with shadow at the right align. When user clicks on this button he/she has possibility to edit current field and save info by clicking the “Save” button in bottom of the edit window. Then user can see changes

N4 In lower right corner of the Skills field is “+” round shaped green on click button with shadow at the right align. When user clicks on this button he/she has possibility to edit current field and save info by clicking the “Save” button in bottom of the edit window. Then user can see changes

N5 Names of the fields are grey colour with left align

N6 There is a counter under each achievement icon, which counts every number of achievements of each type ( ex. 25 “Best Looker” likes = digit “1” under “Best Looker” Achievement icon.

ex. 50 “Best Looker” likes = digit “2” under “Best Looker” Achievement icon.)

N7 Graph field consists of circle chart and explanation sections:

“Red” = “Best Looker”

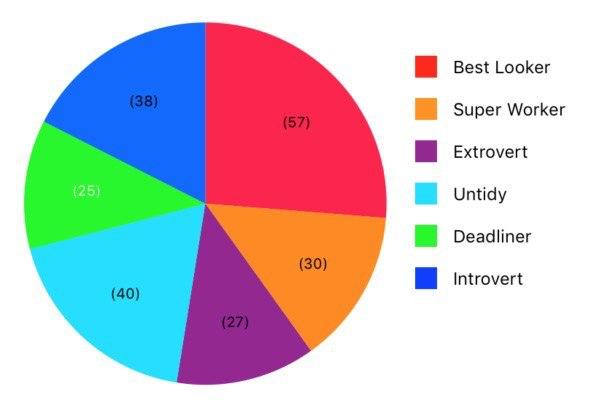
“Orange” = “Super Worker”

“Purple” = “Extrovert”

“Light blue” = “Untidy”

“Green” = “Deadliner”

“Blue” = “Introvert”



**Smart calendar**

**Functional**

**Business**

B1 The employee of the company is able to check current date in Smart calendar

**Functional**

F1 User is able to check current date in Smart calendar

**Non Functional**

N1 Calendar is divided into 7 columns

N2 Each Calendar column should have title which corresponds the day of the week in format (Su/Mo/Tu)

N3 Calendar should have 7 rows

N4 Each Calendar row has a title which corresponds the day in format (02)

N5 The current date column is highlighted with blue color underscore

N6 When the user clicks on any cell of smart calendar the field gets highlighted light blue

N7 By default the current month should be displayed

N8 When the user selects any date the information about the date selected should be displayed in the text field in the head of the website



N9 In the upper right corner there are 2 buttons: “ Month” and “Year” after clicking on which they got highlighted with light blue border. When either “Month” or “year” button is chosen the corresponding dropdown button gets also highlighted with light blue border.



N10 Upon clicking on dropdown buttons the user is able to choose the year and the month

**Rating window**

**Functional**

**Business**

B1 Employee of the company can see profiles of all employees and rate them

B2 Employee of the company can search certain employee through search field

**Functional**

F1 The user can go to the personal profile of other employees

F2 User can like other users

F3 User can dislike other users

F4 User can use search to find the desired profile

**Non Functional**

N1 The screen displays all employees of the company as a list

N3 Lines are separated by a gray stripe

N4 Each Line must contain:

* In the left side of the screen displays a square profile picture, to the right of the picture there are text fields for name and position
* There are 2 links(Like/Dislike)

Profile image

N5 The image is displayed in the form of a square in a black frame

N6 If the user has not selected a picture, a red cross sign is displayed in the circle

N7 Clicking on the profile picture opens the selected profile

Login/position labels

N8 Gray text color

Like/Dislike links

N9 When you click on the link “Like”, a new dialog window “Comment your choice” opens to select your praise and comment

N10 When you click on the link “Dislike”, a new dialog window “Comment your choice” opens to select your praise and comment

**“Comment your choice” dialog window**

**Functional**

**Business**

B1 Employee is able to to choose one of three types and comment his/her choice

**Non Functional**

N1 The name of the window is “Comment your choice”. Color grey

N2 The color of the field is white

N3 Under the name of the window there is a field with the 3 radio buttons list

“Best Looker”, “Super Worker”, “Extrovert” OR “” Deadliner”, “Introvert”, “Untidy” appears depending on the link (“like” or “dislike” user followed)

N4 In the middle of “Comment your choice” dialog window there is a text input area

N5 The user is able to input text into the text input area

N6 Input text area is limited by length. Maximum length is 24 symbols

N7 Under the text input area at the right there is a symbol counter

N8 User can omit inputting any data into text area in “Comment your choice” text input area

N9 In the bottom of “Comment your choice” window there is a grey “Save ”rectangle button

N10 Upon clicking “Save” button the window “Comment your choice” shuts down and the result of users`s choice is saved in database

**Left side menu bar**

**Functional**

**Business**

B1 The employee of the company is able to navigate the website

**Functional**

F1 User can go to “Profile” window

F2 User can go to “Rating” window

F3 User can go to “Calendar” window

F4 User can log out through “Settings”

**Non Functional**

N1 The header should be a gradient (black-gray) which contain image and 2 labels (Full Name/Position)

N2 The central part of the menu contains a list of 3 items. (Each panel has own icon on the left side)

N3 The gray line divides the lower part and the middle part.

N4 Bottom part contain “Log out” panel (Panel has own icon on the left side)

Profile image

N5 The image is displayed on the left side of the menu in the form of a square

Full name textbox

N7 Text color white

Position textbox

N8 Text color grey

Items of a list

N9 Grey text color

N10 Icons are gray

Log out panel

N12 Text color grey

N13 Icon is gray

N14 When you click on the button, the user is redirect to Sign in window