A close up of a sign

Description automatically generated

A screenshot of a cell phone

Description automatically generatedProject Plan

Graduation Project

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February 2020



**PROJECT PLAN**

**FONTYS UNIVERSITY OF APPLIED SCIENCES**

**HBO-ICT: English Stream**

|  |  |
| --- | --- |
| **Data student:** | |
| Family name, initials: | **Todorova, N.S.** |
| Student number: | **2875381** |
| project period: (from – till) | **10th of February – 30th of June** |
| **Data company:** | |
| Name company/institution: | **Progress** |
| Department: | **Software Engineering** |
| Address: | **Boulevard "Tsarigradsko shose" 54B, 1750 Mladost 1, Sofia, Bulgaria** |
| **Company tutor:** | |
| Family name, initials: | **Nenchev, S.** |
| Position: | **Software Developer** |
| **University tutor:** | |
| Family name , initials: | **Wolf-Guis,Corrie C.P.** |
| **Project plan:** | |
| Title: |  |
| Version: |  |
| Date: |  |

Approved and signed by the company tutor:

Date:  
Signature:

Approved and signed by the university tutor:

Date:   
Signature:

Agreed and signed by the student:

Date:   
Signature:

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# About the company

Certified as a Best Employer in Bulgaria in 2019, Progress is an American company founded in 1981. Recently the company also won the Forbes Business Employer of 2020 Award in Bulgaria.

With offices on six continents, Progress offers UI tools, Mobility and High productivity application development, Cognitive services, Web content management, Data connectivity and integration, Openedge. Over 140, 000 enterprises use Progress Technology and some of the company’s clients are Philips, Coca Cola, FOX, Aston Martin, VM Ware, eBay, NASA, Microsoft, Sony, IBM, Toshiba, Volvo, Adobe, Toyota, Schneider Electric.

# Project statement

## 2.1 Formal client

The formal client is Progress.

## 2.2 Project leader

The project leader of this project will be Stefan Nenchev – Software Developer at Progress, Sofia who has rich experience in the mobile development.

### 2.1.1 Contact Information

Stefan Nenchev

Phone number: +359 88 684 3004

Email: Stefan.Nenchev@progress.com

Company: Progress

Location: Boulevard "Tsarigradsko shose" 54B, 1750 Mladost 1, Sofia, Bulgaria

### 2.2.2 Way of communication

We will have daily scrum meetings to discuss:

* What I did during the previous day;
* What I am going to do during the current day;
* Is there something that blocks my work?

We will also have weekly meeting to discuss my current progress, my next tasks and documents for the university (when required).

## Current situation

Over 400 people work at Progress, Sofia. However,

## Problem description

## Project goal

## Project deliverables

## MoSCoW

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Number | Requirement | Must | Should | Could | Would |
| 1 | Display the state of all parking spots | x |  |  |  |
| 2 | Search for free parking spots |  | x |  |  |
| 3 | Notify when there are no free parking spots |  | x |  |  |
| 4 | Notify for absence during the current day | x |  |  |  |
| 5 | Notify for absence during the selected days | x |  |  |  |
| 6 | Record the state of each sensor |  |  |  | x |
| 7 | Connect with MyWorkDay |  |  |  |  |
| 8 | Book gaming facilities |  |  | x |  |
| 9 | Book participation for the dancing lessons |  |  | x |  |
| 10 | Login |  | x |  |  |
| 11 | Communication between server-app-sensors (not sure if it should be in the list) | x |  |  |  |
| 12 | Find teammate for a game |  |  |  | x |
| 13 | Detect if a spot is filled for more than a day |  |  |  | x |
| 14 |  |  |  |  |  |
|  |  |  |  |  |  |

## Project constraints

- **Time**:

The duration of the graduation project is 22 weeks- from 10th of February till 30th of June.

* **Programming Languages:**

Dart and

* English language:
* Satisfaction:

## 2.9 Project risks

1. Project phasing
2. Management plan
   1. Skills
   2. Time
   3. Quality of the final product
   4. Organization