

“myDNS”

Project Charter

Nuno J. Cardoso

Project Charter submitted to PhD José de Braga Vasconcelos in conformity with the
requirements for the project deliverable

BSc of Computer Science and Management
Project Management

Universidade Europeia
Lisbon, Portugal
March 2020

Table of Contents

1. Project Charter.....	3
1.1. Project Description and Scope.....	3
1.2. Project Objectives and Success Criteria.....	3
1.3. Assumptions and Dependencies	3
1.4. Constraints.....	3
1.5. SWOT	4
1.6. Milestones	4
1.7. Project Risks.....	5
1.8. Resources	5
1.9. Revision History	5
2. WBS.....	6

1. Project Charter

1.1. Project Description and Scope

This project is a something already made (No-IP or Dyn-DNS) and available at

<https://www.noip.com> & <https://account.dyn.com>

It revolves around DNS and how to attribute an IP address onto a custom domain name.

1.2. Project Objectives and Success Criteria

The objectives are to allocate IP addresses to DNS domain names.

1.3. Assumptions and Dependencies

It is assumed that the user client, like the user admin is already logged in. This project remains dependent to an internet connectivity.

1.4. Constraints

Dimension	Constraint	Solution
Features	No experience	eLearning
Quality	Low software quality	Mitigate all failures
Cost	Manpower	Increased supervision
Schedule	April/June	Comply with target dates
Staff	Possible loss of interest	Leadership

1.5. SWOT

Strengths	Weaknesses	Opportunities	Threats
Linux – Debian OS requirement	Constant Debian updates	Free open-source code	Constant Debian updates
SOA usage	Dependent on OS commands	Personal interest	Sensors low quality
	Workable only with Linux/Debian	Events documentation	Different OS usage
			Software incompatibilities
			Market Awareness

1.6. Milestones

Events/Deliverable	Target Date	Responsibility
Web server creation	28 th March	Nuno Cardoso
Main web page creation	29 th March	Nuno Cardoso
Database sample creation	21 st March	Nuno Cardoso
Database connection	21 st March	Nuno Cardoso
Database CRUD	29 th March	Nuno Cardoso
Database all parameters	4 th April	Nuno Cardoso
Secondary web pages creation	4 th April	Nuno Cardoso
Tertiary web pages creation	11 th April	Nuno Cardoso

1.7. Project Risks

Risk	Probability	Impact
Out of Time	Medium	Severe
Lack of Security - BO	Low	Severe
Hardware Failure	Low	Severe

1.8. Resources

Resource	Description Roles and Responsibilities
Pentesting Software Repository	Nuno Cardoso
Server	Nuno Cardoso
Database	Nuno Cardoso
Hardware	Nuno Cardoso

1.9. Revision History

Name	Date	Reason for Changes	Version
Nuno Cardoso	20 th March	Filled Charter	0.1

2. WBS

