Agile Project Management

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Name: Md Farhan Tahmid,

Marc Kock,

Rowen de Vries,

Nikola Hristov,

Murthid Al-habsi.

Class: I2-CB01

Group: CB01-Group4-KABV

Student Number: 4719557,

4940911,

4827457,

4885155,

4594460.

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Team Canvas

The Team Canvas

Most important things to talk about in the team to make sure your work as a group is productive, happy and stress-free

TEAM NAME Group 4 -KABV   **DATE** 20 April, 2023

PEOPLE & ROLES
What are our names and the roles we have in the team?

1- product owner: Farhan

2- scrum master: Marc

3- Agile team:
Nikola, Rowen, Murthid

GOALS
What we want to achieve as a group? What are our key goals that are feasible, measurable and time-bounded?

As a group. we want to successfully meet all the requirements below:
1. Cost Management
2. Fault Management
3. Security
4. Service Management
5. Cloud Migration

PERSONAL GOALS
What are our individual personal goals?
Are there personal agendas that we want to open up?

Farhan: Learn More about Cloud and Security.

Rowen: Efficient workflow and Server

Marc: Efficient Backend

Nikola: Learn scripting and network management

PURPOSE
We want to do the proiect to further advance our knowledge in the field of networking and server management. And also to improve the infrastructure of Fonteyn Park.
Why are we doing what we are doing in the first place?

VALUES
What do we stand for? What are guiding principles? What are our common values that we want to be at the core of our team?

As a team, we aim for an exceptional project delivery . The main principle of the team is to have a good communication among ourselves. The common values for the team are:
-Adaptability
-Professionalism
-Accountability

NEEDS & EXPECTATIONS
What each one of us needs to be successful? What are our personal needs towards the team to be at our best?

Everyone in the team needs a clear overview of the expectations and goals. And to be at our best, we need to be motivated and positive

RULES & ACTION POINTS
What are the rules we want to introduce after doing this session? How do we communicate and keep everyone up to date? How do we make decisions? How do we execute and evaluate what we do?

The team rules are as follows -
- Attend meetings regularly
- Active participation in group work
- Discuss trouble with team
- Schedule change deployment in advance

The default mean of communication among us is Microsoft Teams.

Decisions are made in a democratic fashion. If we have conflict among us, we resolve it by voting.

To evaluate our work, we ask for feedback from the client and teacher.

STRENGTHS & ASSETS
What are the skills we have in the team that will help us achieve our goals? What are interpersonal/soft skills that we have? What are we good at, individually and as a team?

1. Rowen - Strength: Networking skills, Soft skill: critical thinking, Good at : troubleshooting.
2. Farhan - Strength: Coding skill, Soft skill: Presentation, Good at: Documenting
3. Nikola - Strength: Coding skill, Soft skill: Persuasion, Good at: Co-ordinating
4. Marc - Strength: Refactoring skill, Soft skill: Presentation, Good at: Communication
5. Murthid - Strength: Analytical skills, Soft skill: collaboration, Good at: troubleshooting
As a team, we are good at collaboration, synergy.

WEAKNESSES & DEVELOPMENT AREAS
What are the weaknesses we have, individually and as a team? What our teammates should know about us? What are some obstacles we see ahead us that we are likely to face?

Development areas :
1. Marc : Networking
2. Nikola : Scripting
3. Farhan : Networking
4. Rowen : Coding
5. Murthid: Securing & Networking
As a team, we need to develop on having a better planning

Some obstacles ahead of us are :
1. The transport strike
2. Internet connectivity issues
3. Lack of information

Figure 1 The Team Canvas [1]

Product Vision Board

THE PRODUCT VISION BOARD
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VISION
What is your purpose for creating the product?
Which positive change should it bring about?

To be able to migrate the service to cloud.

Future scaling of the service will be easier. More secure environment. Easier to manage.

TARGET GROUP

Which market or market segment does the product address?

Who are the target customers and users?

Our main target group is Fonteyn Holiday park's administrators and staff members, with the secondary target group being the hotel visitors.

NEEDS

What problem does the product solve?

Which benefit does it provide?

The solution that we will provide will significantly decrease the costs of operating the park's infrastructure. In addition to that, there will also be a fault management system in place, as well as improved service management.
Cloud hosting will also negate the need of maintaining the hardware, because the providers are doing that themselves.

PRODUCT

What product is it?

What makes it stand out?

Is it feasible to develop the product?

The end product will be a sustainable infrastructure hosted on the cloud and a robust server environment that will allow for an effortless management or the hotel's networks and an easy upkeep.

The product is well within the capabilities of the company. Not only that' but the solution will prove to be cost-saving in the long run.

Holiday park Fonteyn Vakantieparken will save money on upkeep and usability of its systems.

BUSINESS GOALS

How is the product going to benefit the company?

What are the business goals?

The finished product will present an easy to manage environment with sufficient security. It will also offer significant savings opportunities due to the fact that it will be hosted on the cloud

Persona

ROMAN'S PERSONA TEMPLATE

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🏷 PICTURE & NAME	🔍 DETAILS	🎯 GOAL
What does the persona look like? What is its name? Choose a realistic and believable picture and name.	What are the persona's relevant characteristics and behaviours? For instance, demographics, such as age, gender, occupation, and income; psychographics, including lifestyle, social class, and personality; and behavioural attributes like usage patterns, attitudes, and brand loyalty. Only list relevant details.	What problem does the persona want to solve or which benefit does the character seek? Why would the persona want to use or buy the product?

PICTURE & NAME

Mary Jefferson

DETAILS

Demographics -

Age : 48
Gender : Female
Occupation : Operations Manager
Income : € 210,000

Psychographics -

Lifestyle : Outgoing
Social Class : Socially interactive
Personality : Extrovert

Behavior -

Usage Pattern : Tech-savvy
Attitude : Positive
Brand : Apple

GOAL

The person is an operations manager and wants to make much of her work automated. She also wants to have a more efficient system that does have a high amount of uptime which will save more time and effort that is needed beforehand. She wants to monitor live data of the park and the system anytime-anywhere, she wants to keep her data and files secure and she wants the booking system in the cloud so that the clients can book 24/7 all year long with an uptime of 99,98% at minimum.
Finally she wants that the cost management is efficient that there will be nearly no unneeded expances

The person would want to use the new product for various reasons. Firstly, because the new system ensures security among the network, shared files and a higher % of uptime. Only people having the necessary privileges will be able to use the files. The system also offers to monitor most of the data online through a dashboard which she demands The system also automates most of the work that were done manually beforehand and the customers will be able to book easy without error.

for these features the person would love to use the new system

ROMAN'S PERSONA TEMPLATE

PICTURE & NAME

What does the persona look like? What is its name? Choose a realistic and believable picture and name.

Josh Redneck

DETAILS

What are the persona's relevant characteristics and behaviours? For instance, demographics, such as age, gender, occupation, and income; psychographics, including lifestyle, social class, and personality; and behavioural attributes like usage patterns, attitudes, and brand loyalty. Only list relevant details.

Demographics -

Age : 34
Gender : Male
Occupation : Surveillance Operator
Income : € 65,000

Psychographics -

Lifestyle : Gamer
Social Class : Socially inactive
Personality : Introvert

Behavior -

Usage Pattern : Simple
Attitude : Positive
Brand : Microsoft

GOAL

What problem does the persona want to solve or which benefit does the character seek? Why would the persona want to use or buy the product?

The person is a surveillance operator who monitors the camera and gates of the park. He has a room of computers and monitors to look at the camera and also some security systems. He wants a system that will allow him to manage all of the devices and security systems from one single place, whereas now, he has to head to different softwares and websites to manage it. Again, he wants the system be up 24/7 and without any disruptions. He also demands that the system has options for him to reach out to other departments in case of emergency.

The system has a simple and effective interface which will save a lot of time and effort to use it, and also make it fast. it will also enable the person the correct privileges to monitor the cameras and security systems from one single dashboard. So to confirm the privileges the person must login with 2fa. These meet the persons requirements and makes it way better than the old obselete system. it also keeps a log of all the entries and exits automatically, so it does the job of the person automatically, The system also has backup options, with moving the dashboard to the cloud the uptime will be guaranteed. Therefore, the system is up 24/7 without disruptions. The system allows the user to find and reach to other departments easily through a search option.

All these features tick-off the person requirements and thats why the system will be a perfect fit for the Surveillance Operator.
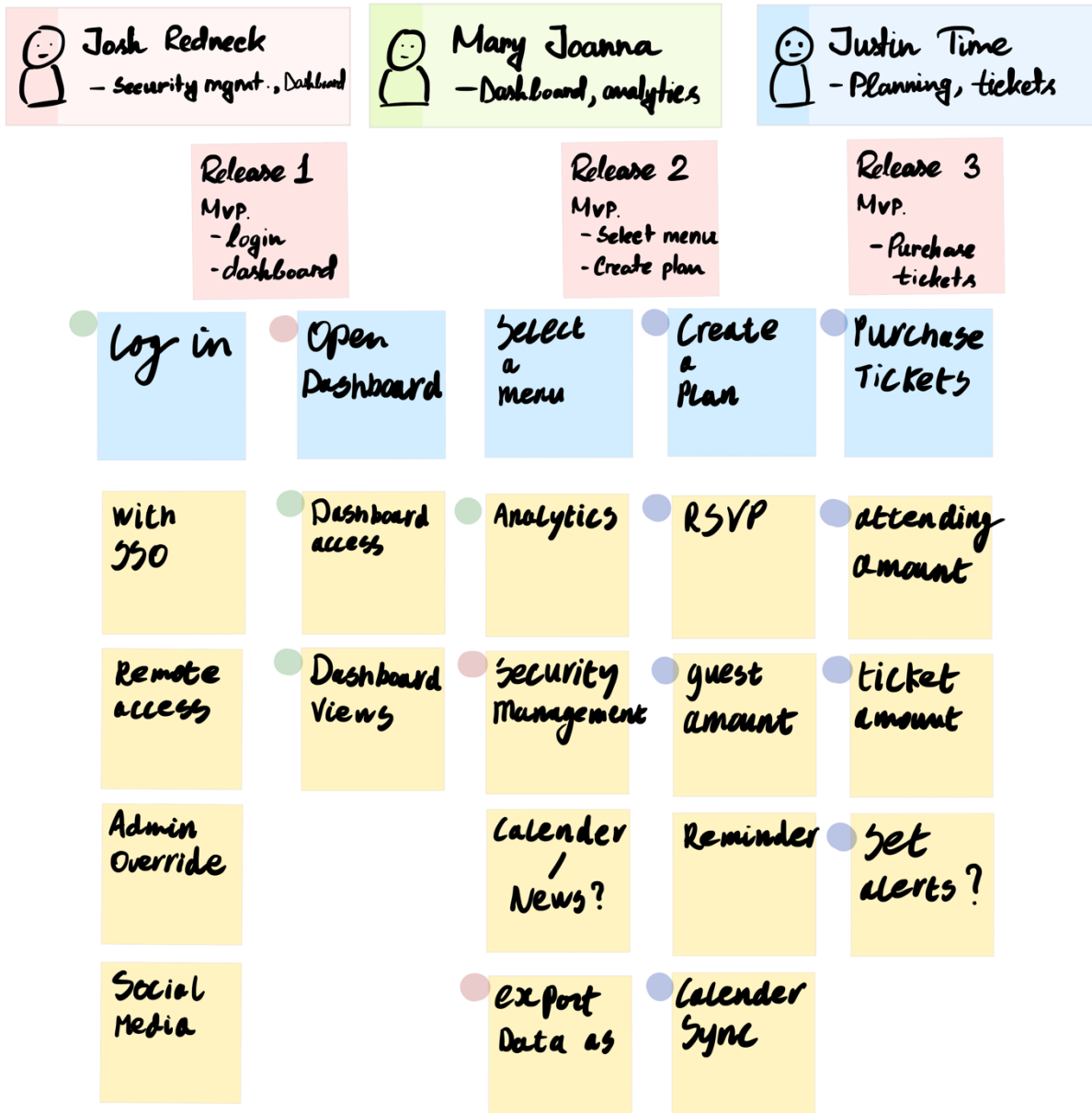
ROMAN'S PERSONA TEMPLATE

🏷 PICTURE & NAME

🔍 DETAILS

🎯 GOAL

What does the persona look like? What is its name? Choose a realistic and believable picture and name.

Justin Time

What are the persona's relevant characteristics and behaviours? For instance, demographics, such as age, gender, occupation, and income; psychographics, including lifestyle, social class, and personality; and behavioural attributes like usage patterns, attitudes, and brand loyalty. Only list relevant details.

Demographics -

Age : 44
Gender : Male
Occupation : Entertainment Planner
Income : € 60,000

Psychographics -

Lifestyle : Outgoing
Social Class : Socially active
Personality : Extrovert

Behavior -

Usage Pattern : Intermediate
Attitude : Jolly
Brand : Microsoft

What problem does the persona want to solve or which benefit does the character seek? Why would the persona want to use or buy the product?

The person is an entertainment planner who makes the planning for all the activities in the park. He wants a template to make it easier to do different planning through softwares without using a physical pen and paper. He also wants the document to be shared over the platform for other people to see it. And he wants all the existing plans to be backed- up in case the system crashes. Finally, he wants the system to have more capacity for the activities and and more guestes to be able to join the events

The new system offers a software based solutionn to plan all the events and share it with necessary people(whoever has bought tickets for it). Moreover, all of the data are backed up in the cloud so the backup will stay up and running without losing data. The new environment is scalable, so if more people register for an event the system can handle the increased number of people easily.
Because the ticket system will be in the cloud customers will be able to buy the tickets 99,98% of the time.

All of there features meet the requirements of the Entertainment Planner and therefore, it will be a perfect upgrade which he wants.

Story Map

Josh Redneck
– Security mgmt., Dashboard

Mary Joanna
– Dashboard, analytics

Justin Time
– Planning, tickets

Release 1
MVP.
– Login
– dashboard

Release 2
MVP.
– Select menu
– Create plan

Release 3
MVP.
– Purchase tickets

Log in	Open Dashboard	Select a menu	Create a Plan	Purchase Tickets
With SSO	Dashboard access	Analytics	RSVP	attending amount
Remote access	Dashboard Views	Security Management	guest amount	ticket amount
Admin Override		Calender / News?	Reminder	Set alerts?
Social Media		export Data as	Calender Sync	

Product Roadmap

THE GO PRODUCT ROADMAP

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	Date or timeframe	Date or timeframe	Date or timeframe	Date or timeframe
DATE The release date or timeframe	30 April, 2023	15 May, 2023	28 May, 2023	11 June, 2023
	Name/version	Name/version	Name/version	Name/version
NAME The name of the new release	Alpha	Beta	Charlie	Delta
	Goal	Goal	Goal	Goal
GOAL The benefit the product should offer.	Making Cloud Environment so that less things are on-premises	Creating a monitoring software so we can see what resouces are being used, as well as creating a cost management application.	Having a fault management system, so the servers notify whenever there is any error in any of the servers or the service	Security Improvements
	Features	Features	Features	Features
FEATURES The high-level features necessary to meet the goal	Less server hardware on premises, so less power usage, and easier to maintain in terms of security and servers.	To see how much headroom the system has currently. And to minimize the costs related to cloud.	Easier to maintain and fix, resulting in more uptime and continuity.	Fix security flaws by pentesting and debugging the whole infrastructure and softwares.
	Metrics	Metrics	Metrics	Metrics
METRICS The metrics to determine if the goal has been met	Successfull cloud migration.	A dashboard with real time monitoring data and a cost management application.	A functional fault management system.	A secure and bug free service.

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Template version 02/20

Hofstede Profile

Dimensions

Hofstede profile is based on 6 dimensions [2]. The dimensions and their connotations are as follows:

1. **Power Distance:** The acceptance among the less powerful members of a society that power is unequally distributed.

2. **Individualism:** The degree of independence and individuality people maintain in their society.

3. **Masculinity:** The degree to which and the way people drive the society; either competition or independence and care.

4. **Uncertainty Avoidance:** The extent to which the members of a society react towards the unknown future; either trying to control it or going with the flow.

5. **Long Term Orientation:** The extent to which people of a society tend to stick to; either sticking with the norms or encouraging change to be modern.

6. **Indulgence:** The extent to which the people of a society try to control their desire based on their culture; either weak or strong.

Members and Country

1. Rowen – Netherlands
2. Farhan – Bangladesh
3. Nikola – Bulgaria
4. Marc – Aruba
5. Murthid - Oman

Country scores and Self-comparisons

Netherlands [3]

1. **Power Distance:** 38. It indicates that people are more independent. The hierarchy is there just for the convenience that the people know where to go when needed. But everyone is equal to another. Also, the use of first name basis is used a lot more. I consider myself to be the same.
2. **Individualism:** 80. It indicates that people almost all the time must look after themselves and sometimes their direct family and the relation between employee and employer are based on mutual advantage. I consider myself to be a bit different I do not only care about me and my direct family but also about friends.
3. **Masculinity:** 14. It indicates that the country is more feminine, and driven by equality, solidarity, quality of the working life. This also indicates that problems will be solved via compromise and negotiation. I consider myself to be more masculine.
4. **Uncertainty Avoidance:** 53. It means that people are slightly uncertain about the future. They may resist innovation and security is an important element in individual motivation. I consider myself to be les avoidance.
5. **Long Term Orientation:** 67. It indicates a pragmatic orientation. This indicates that we are acting more on facts and value, but it depends on the time context and situation. Also, the ability to easily adapt traditions to change conditions. I consider myself to be the same or a bit longer term.
6. **Indulgence:** 68. It indicates that the Netherlands has desire to realize their impulses and desires regarding enjoying life, this means that we act as we want and spend money for our wishes.

Bangladesh [4]

1. **Power Distance:** 80. It indicates that people accept hierarchical order and power is centralized. I consider myself to be the same.
2. **Individualism:** 20. It indicates that people have a long-term commitment to their family and relatives. I consider myself to be slightly different. I prefer to be a bit more individualist.
3. **Masculinity:** 55. It indicates that the country is more masculine, and driven by competition, achievement, and success. I consider myself to be the same.
4. **Uncertainty Avoidance:** 60. It means that people are uncertain about the future and want to control it their way by working for it. I also consider myself to be the same.
5. **Long Term Orientation:** 47. It indicates a neutral position. But the culture tends to stick to their old norms. I consider myself to be a bit rebellious and prefer to change according to modern needs.
6. **Indulgence:** 20. It indicates that Bangladesh is very restrained country. I consider myself to be the opposite.

Bulgaria [5]

1. **Power Distance**: 70. Indicates that hierarchical order is accepted, and people expect their supervisors to tell them what to do. I believe that this is an efficient way of working.
2. **Individualism:** 30. Bulgaria is a collectivistic society. This indicates a strong commitment to a 'group'. In Bulgaria that's the family most of the time. I consider myself a collectivist as well, although not that strongly.
3. **Masculinity**: 40. A relatively feminine society. People strive to achieve consensus, solidarity, and equality. I consider myself to be more competitively driven.
4. **Uncertainty avoidance:** 85. Rigid codes of belief and behavior are maintained, and society is intolerant to ideas that may seem peculiar. Time is money, people have an inner urge to be busy and work hard, precision and punctuality are the norm, innovation may be resisted, security is an important element in individual motivation. I also aim for precision and hard work, but new ideas grow easy on me.
5. **Long term orientation:** 69. A pragmatic culture that's used to orienting depending on the context of the situations and the time. Ability to adapt to changes in the conditions. I believe that I am mostly the same.
6. **Indulgence**: 16. A strongly restrained culture. A lot of pessimism and cynicism are observed. Gratification of desires is controlled and there is little to no emphasis on leisure time. I consider myself to be a lot more indulgent.

Aruba [6]

Aruba isn't a country recognized in the Hofstede Insights comparison list, so I'll be using the scores of Venezuela as Arubans are partly descendants of Venezuelan Indians and our culture is heavily influenced by Venezuelan culture.

1. **Power Distance:** 81. It indicates that people accept hierarchical order and power is centralized. I agree with this, there should always be a rank above to make decisions other cannot.
2. **Individualism:** 12. It indicates that people have a long-term commitment to their family and relatives. I consider myself to be the opposite, I do not believe in "family" before all else and have not had support.
3. **Masculinity:** 73. It indicates that the country is more masculine, and driven by competition, achievement, and success. I agree, my success must surpass those before me and triumph over my peers.
4. **Uncertainty Avoidance:** 76. It means that people are uncertain about the future and want to control it their way by working for it. I am welcome to change and would promote more change if it benefits society.
5. **Long Term Orientation:** 16. The culture of Venezuela is decidedly normative in nature. I am impartial, I believe sticking to old norms is what holds a community back and prevents growth.
6. **Indulgence:** 100. It indicates that Venezuelans are willing to realize their impulses and desires. I consider myself to be the same, I can and will do what I choose to whenever I feel like doing so.

Oman

1. **Power Distance:** 71. according to Hofstede's cultural dimensions. This means that the society in Oman tends to be hierarchical, with a significant emphasis on the status and role of individuals in positions of authority. In such a society, individuals are expected to accept and respect the power and authority of those in higher positions.
2. **Individualism:** 38. This means that Omani society tends to prioritize group harmony and collective goals over individual goals and achievements. Individuals in such societies are expected to prioritize the needs of the group over their own personal interests and desires.
3. **Masculinity:** 52. The Omani society tends to be driven by competition, achievement, and success. In such societies, the dominant values include assertiveness, ambition, and the acquisition of material possessions.
4. **Uncertainty Avoidance:** 68. Omani society tends to be risk-averse and prefer stability and predictability. In such societies, there is a general discomfort with ambiguity and a desire for clear rules and guidelines.
5. **Long Term Orientation:** 25. Omani society tends to prioritize short-term goals and immediate results over long-term planning and investment. In such societies, there is a focus on meeting current needs rather than investing in future benefits.
6. **Indulgence:** 26. Omani society tends to have a restrained approach to enjoyment and tends to value self-control and regulation of impulses. In such societies, there is a focus on fulfilling needs rather than pursuing desires and indulgences.

Team Comparison

	Rowen	Farhan	Nikola	Marc	Murthid
Power Distance	40	75	70	81	71
Individualism	65	75	40	95	38
Masculinity	25	80	50	90	52
Uncertainty Avoidance	45	70	70	25	68
Long Term Orientation	70	90	69	15	25
Indulgence	69	80	40	100	26

Graphic Representation
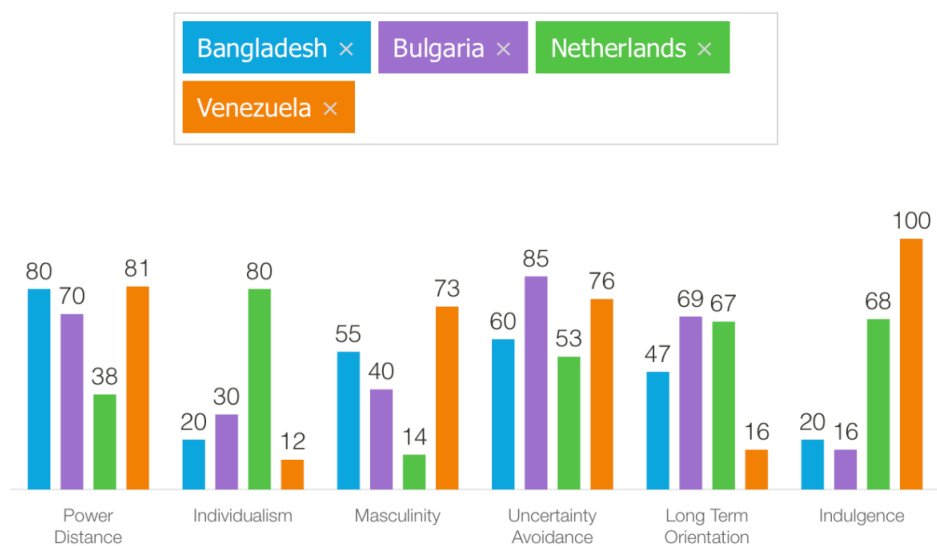
Figure 2 Hofstede Profile Comparison [7]

Bibliography

[1] "The Team Canvas," [Online]. Available: https://www.theteamcanvas.com/. [Accessed March 2023].

[2] "The 6-D Model : Hofstede Insights," [Online]. Available: https://hi.hofstede-insights.com/national-culture.

[3] "Hofstede Insights Netherlands," [Online]. Available: https://www.hofstede-insights.com/country-comparison/the-netherlands/.

[4] "Hofstede Profile Bangladesh," [Online]. Available: https://www.hofstede-insights.com/country-comparison/bangladesh/.

[5] "Hofstede Profile Bulgaria," [Online]. Available: https://www.hofstede-insights.com/country-comparison/bulgaria/.

[6] "Hofstede Profile Aruba," [Online]. Available: https://www.hofstede-insights.com/country-comparison/venezuela/.

[7] "Hofstede Profile 6D Model Comparison," [Online]. Available: https://www.hofstede-insights.com/country-comparison/bangladesh,bulgaria,the-netherlands,venezuela/.