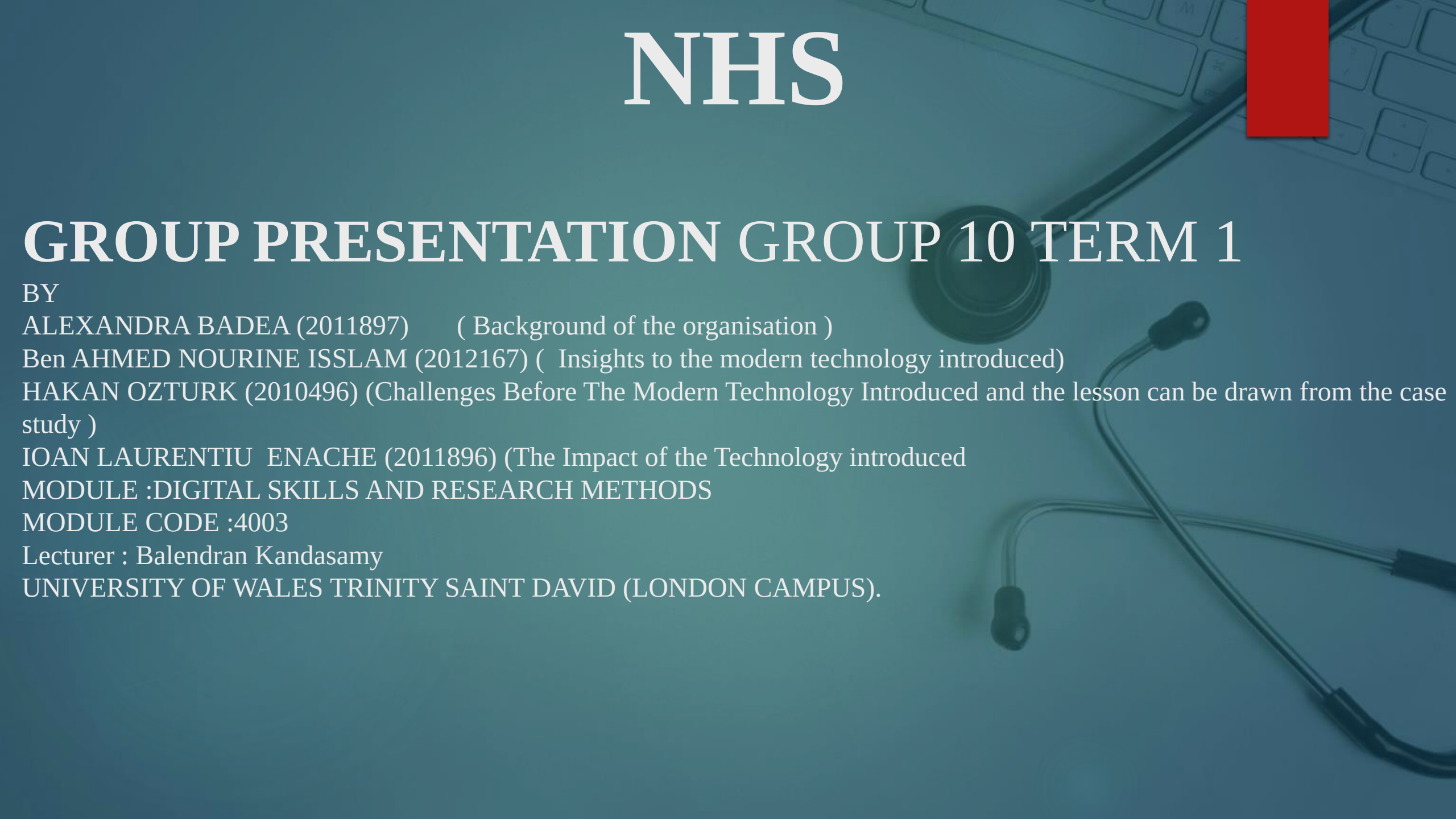




NHS

GROUP PRESENTATION GROUP 10 TERM 1

BY

ALEXANDRA BADEA (2011897) (Background of the organisation)

Ben AHMED NOURINE ISSLAM (2012167) (Insights to the modern technology introduced)

HAKAN OZTURK (2010496) (Challenges Before The Modern Technology Introduced and the lesson can be drawn from the case study)

IOAN LAURENTIU ENACHE (2011896) (The Impact of the Technology introduced

MODULE :DIGITAL SKILLS AND RESEARCH METHODS

MODULE CODE :4003

Lecturer : Balendran Kandasamy

UNIVERSITY OF WALES TRINITY SAINT DAVID (LONDON CAMPUS).

NHS today

► NHS- 1.4 million staff and a budget of around 100 billion pounds. Advanced technologies, millions of lives saved and accessible all over the UK. A fairly success.

► But how did it start?



England

Beginning of NHS

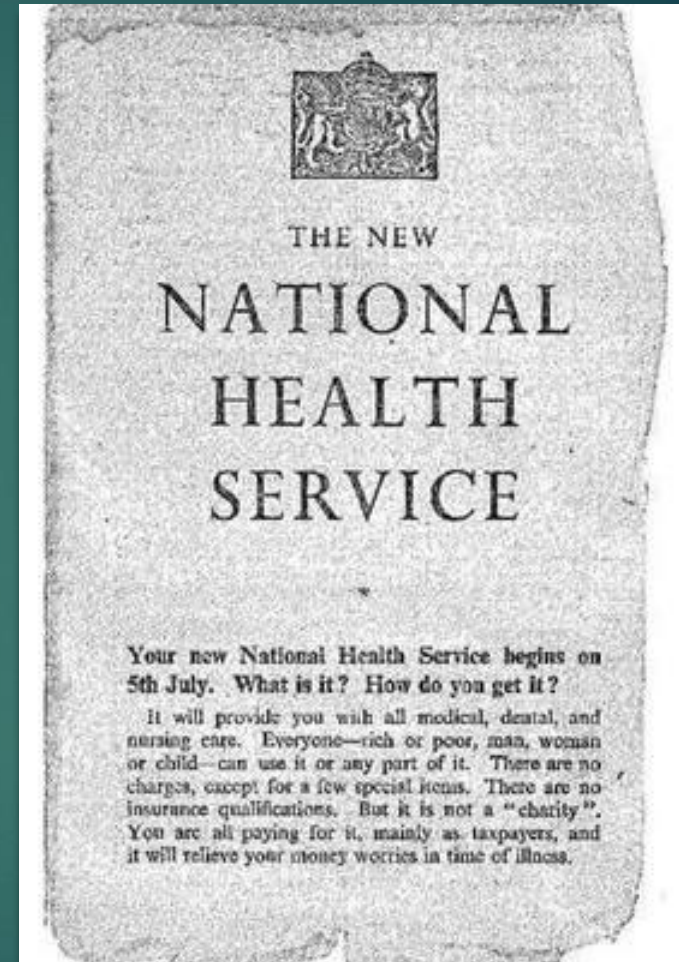
► 5th July 1948 was the day the new National Health System was born.

► People involved in the making of the Health System were Beatrice Webb who fought for the idea that all people should be able to access free healthcare and Dr. Benjamin Moore in the early days, however, Henry Willik- Ministry of Health in 1944 set up the guidelines for the new healthcare system and Aneurin Beaven-1945 created the project to reflect the NHS like we know it today.



The NHS IS BORN, 5 July 1948.

On that day, doctors, nurses, pharmacists, opticians, dentists and hospitals came together for the first time as one giant UK-wide organization. It was inaugurated when Aneurin “Nye” Bevan, the health, visited Park hospital in Davyhulme, Manchester. It is now Trafford general hospital and is known as “the birthplace of the NHS” as the first NHS hospital.



NHS evolution

- ▶ This project that was used for creating the NHS was based on 3 ideas :

1. Service helped everyone;
2. Healthcare to be free for the general public;
3. Care to be provided as needed not based on the ability to pay.

Since then NHS maintain the principles but made a lot of improvements, changes, updates and modernization processes and all this would not be possible without continuously improving policies and procedures, systems and introducing and keeping up with the technology all patients rely upon nowadays.

References

ALEXANDRA-ELISABETA BADEA (2011897)
BACKGROUND OF ORGANISATION

WIKIPEDIA(BACKGROUND OF NHS), https://www.historic-uk.com/HistoryUK/HistoryofBritain/Birth-of-the-NHS/?fbclid=IwAR0VKmlQZpLj83ABalm6M3SKSP11rZenCIIWRYojNeaf3i_uMirTKCzxi_U

[https://www.theguardian.com/society/2016/jan/18/nye-bevan-history-of-nhs-national-health-](https://www.theguardian.com/society/2016/jan/18/nye-bevan-history-of-nhs-national-health-service#:~:text=It%20is%20now%20Trafford%20general,as%20the%20first%20NHS%20hospital.&text=On%20that%20day%20Bevan%20met,a%20life%2Dthreatening%20liver%20condition.)

[service#:~:text=It%20is%20now%20Trafford%20general,as%20the%20first%20NHS%20hospital.&text=On%20that%20day%20Bevan%20met,a%20life%2Dthreatening%20liver%20condition.](https://www.theguardian.com/society/2016/jan/18/nye-bevan-history-of-nhs-national-health-service#:~:text=It%20is%20now%20Trafford%20general,as%20the%20first%20NHS%20hospital.&text=On%20that%20day%20Bevan%20met,a%20life%2Dthreatening%20liver%20condition.)

Challenges Before The Modern Technology Introduced TELEHEALTH IN THE NHS

BY HAKAN OZTURK
(2010496)



Challenges

▶ Long waiting times

▶ Increased patient complaints



Long Waits

- ▶ 18-week limit
- Most patients have to wait longer than the 18-week limit
- NHS's failure to treat cancer patients within the 62-day target (Thorlby, Gardner & Turton 2019)
- Treatment cancellations (Guide to the NHS 2019)

Increase in Chronic Ailments

- ▶ Increase in chronic diseases in the UK has been exacerbated by:
- ▶ Sedentary lifestyles
- ▶ In 2017, 21% of adults in the UK were obese
- ▶ Binge drinking
- ▶ In 2017, 22% of adults in the UK were binge drinkers (State of health 2019)
- ▶ Pressure on the NHS



Changing Demographics

- ▶ An ageing UK population (Later life in the UK 2019)
- ▶ The UK has about 12 million people above 65 years
- ▶ 5.4 million older adults in the UK are above 75 years
- ▶ 1.6 million individuals in the UK are aged over 85 years
- ▶ Age related diseases and multimorbidity exert pressure on the NHS



NHS : insights to the modern technology introduced.

- By Ben ahmed nourine isslam (2012167)

Many things change since 70th years of NHS the technological advances offer significant opportunities to improve healthcare but are not a silver bullet for the pressures facing the NHS so is half positive and other half negative, Technology has the potential to deliver significant savings for the NHS (positive) and for example, most people say they would use video consultations to consult their GP about minor ailments and ongoing conditions (negative) . Sophie castle-clark 2018

NHS : insights to the modern technology introduced.

- By Ben ahmed nourine isslam (2012167)

Technology could support the delivery of health care in several areas:

- providing and storing information and advice
- administration and transactions – e.g., making appointments
- diagnosis – making diagnostic technology available to the consumer
- monitoring – particularly helpful in an ageing population
- relationships – improving communication between the patient, careers and professionals.

By Alasdair Liddell et al 23 oct 2008

NHS : insights to the modern technology introduced.

- By Ben ahmed nourine isslam (2012167)

The NHS has saved hundreds of people from sepsis thanks to better use of digital technology hospitals. NHS 08/2019

Last update 2020 :

NHS COVID-19 app compatible with contact tracing apps across UK this App will send an alert if it detects that you have been in 'close contact' with someone who has tested positive for coronavirus. Gaby Apleton 5/11/20

In my opinion, if the NHS solves its technology, it will in the process have gained enough information to be a whole new modern organization and can look forward to another 70 years of brilliant success and delivery to the patients that rely on it.

NHS : insights to the modern technology introduced.

- By Ben ahmed nourine isslam (2012167)

Well to conclude the technology has the potential to deliver significant savings for the NHS but the service does not have a strong track record in implementing it at scale and needs to get better at assessing the benefits, feasibility and challenges of implementing new technology. Patients are embracing new technology and increasingly expect their care and for the one who don't use phone and internet or not able like (older, disabled or others) is quite different for them like an old school but for me personally better.

The Impact of the Technology introduced in NHS

IOAN LAURENTIU ENACHE
(2011896)



- 
- ▶ What impact does technology have on health care?
 - ▶ Technology has placed at the disposal of the healthcare community various potent tools to improve patient care. Since EHRs are easily available to physicians, they can access complete medical histories of patients and make the most well-considered medical decisions.
 - ▶ What will new technology mean for the NHS and its patients?
 - ▶ The use of digital **technology** in health and social care **can** improve quality, efficiency and **patient** experience as well as supporting more integrated care and improving the health of a population.
 - ▶ How does the NHS use technology?
 - ▶ **Technology could** support the delivery of health care in a number of areas: providing and storing information and advice, administration and transactions – eg, making appointments, diagnosis – making diagnostic **technology** available to the consumer.

- ▶ How has technology improved our lives?
- ▶ Technology Has Made Our Lives Far Easier And Better Through Better Communication. The role of technology has successfully made the communication aspect much easier and better for us humans. ... The user experience and interface have drastically improved with the upcoming modern age technology.
- ▶ What impact the technology will have on future health care delivery?
- ▶ In medicine and healthcare, digital technology could help transform unsustainable healthcare systems into sustainable ones, equalize the relationship between medical professionals and patients, provide cheaper, faster and more effective solutions for diseases – technologies could win the battle for us against cancer.
- ▶ How will the NHS change in the future?
- ▶ The **NHS**' aim is to move to a 'digital-first' model of care within the next 10 years, so by 2030, most people are likely to be accessing healthcare via apps and technology. "Providing access to healthcare via technology **will** hugely increase how effective the **NHS will** be in delivering care.





Bibliography

- ▶ Healthcareinamerica.us
- ▶ Kingsfund.org.uk
- ▶ Thriveglobal.com
- ▶ Ns-healthcare.com
- ▶ Medicalnewstoday.com

Lessons Learned:
Increased
Collaboration

- ▶ Organizations collaborate more
- ▶ Teamwork
- ▶ Understanding
- ▶ Bonding



Technology is Cost Effective

- Cost of doing business is lower
- Transport costs
- Customers can access services or goods at relatively lower prices.



Virtual Services Empower Customers

- ▶ Digital platforms have rendered services more customer-centric
- ▶ Patients can determine when to interact with a physician
- ▶ Consumers can determine where a company can deliver goods
- ▶ Consumers choose the most convenient location for services and goods delivery



Modern Technology has Enhanced the Consumer Experience

- The following aspects of virtual services in today's organizations have engendered consumer satisfaction:
- Reduced travel times
- Convenience
- Cost effectiveness



FINAL THOUGHTS

- Technology in the workplace
- Telehealth solutions
- Organizations must evolve

Reference List

- ▶ Guide to the NHS waiting times in England, 2019. Available from: <<https://www.nhs.uk/using-the-nhs/nhs-services/hospitals/guide-to-nhs-waiting-times-in-england/>>. [17 November 2020].
- ▶ Later life in the United Kingdom 2019, 2019. Available from: <https://www.ageuk.org.uk/globalassets/age-uk/documents/reports-and-publications/late_life_uk_factsheet.pdf>. [17 November 2020].
- ▶ State of health in the EU: United Kingdom country profile 2019, 2019. Available from: <https://www.euro.who.int/__data/assets/pdf_file/0006/419478/Country-Health-Profile-2019-United-Kingdom.pdf>. [17 November 2020].
- ▶ Thorlby, R, Gardner, T & Turton, C 2019, NHS performance and waiting times: Priorities for the new government. Available from: <<https://www.health.org.uk/publications/long-reads/nhs-performance-and-waiting-times>>. [17 November 2020].