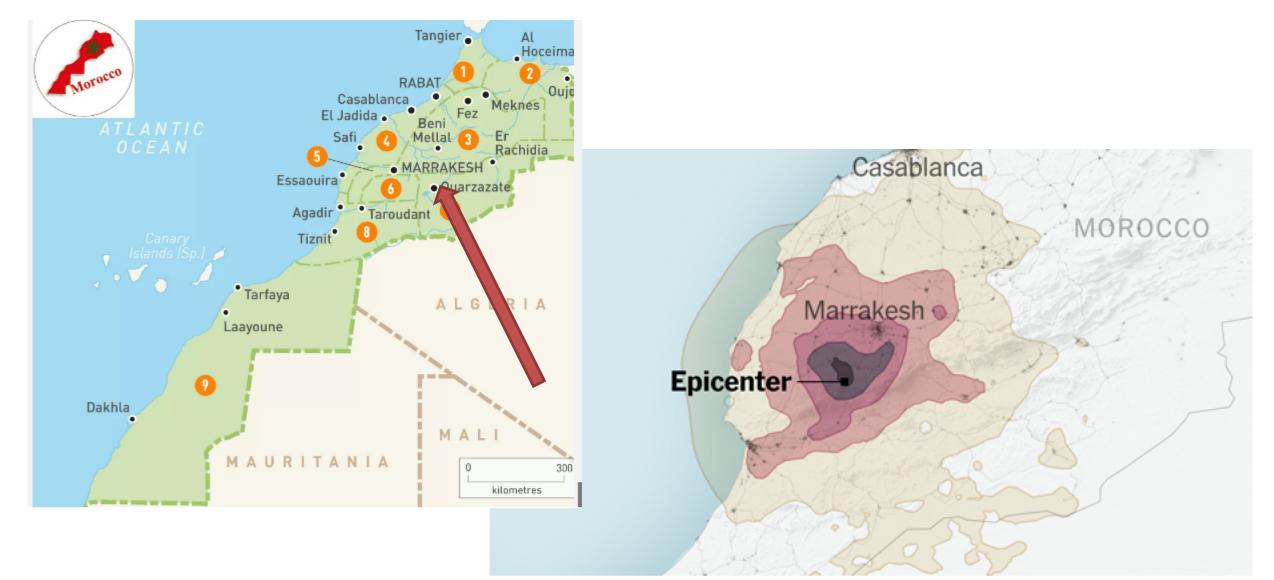




INSTRUCTOR

Dr. Ahmad Almwakeh
GM Merck Morocco







Ahmad ALMWAKEH



Experience



Education

2004 B.Sc. Pharmacy

J.U.S.T
Irbid, Jordan

2016

MBA

PGD

Bradford University Bradford , UK

Digital Marketing Institute"

UNIVERSITY of BRADFORD

2019

Digital Marketing Institute Dublin, Ireland

2022

PGCert

University of York York, UK



Achievement

Prediabetes HE Dashboard

Digital Implementation in GCC

Digital Leadership in Saudi Arabia

Leadership in CM in Saudi Arabia

Personal Profile



Married and have two boys 16 & 12 years old

Scuba Diving/ Open Water Diving Instructor

ISPOR: int. Society of pharmacoeconomic and

outcome research

DMI: Digital Marketing institute





FWA is one of the fastest growing pharma market in MEA at ~10% PPG mainly driven by local/regional players with 16% PPG



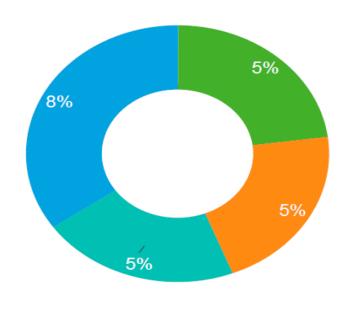
Algeria (ALG)

- Algeria retail channel sales declined by -3.8% PPG accounting for \$2.4 B sales in MAT Q1 2023 period
- Top TAs for Algeria include Insulin & Analogs, Antihypertensives. Non-Narcotic Analgesics is the fastest growing TA at 8.8% PPG (apart from non therapeutics) amongst the top 10 TAs
- Sanofi is the top corporation in Algeria with 11% of market share, however Biocare Lab is the fastest growing company amongst the top 10 at 36% PPG
- Amongst the top products of Biocare Lab like Bioclav (86%) PPG), Antag (4% PPG) and Diaglinide (9% PPG).



Morocco (MOR)

- Morocco retail channel has increased by 9.2% PPG accounting for \$1.4 B sales in MAT Q1 2023
- This increase in Moroccan market is mainly attributed to MNCs that have grown by 5.6% PPG while accounting for 55% of total sales
- Amongst the top 10 corporations, Bottu SA continues to lead Moroccan market with 6% share in MAT Q1 2023 and Novartis is the fastest growing top MNC at 11% PPG
- · Amongst the top products of Novartis, Galvus Met and Uperio are the fastest growing products at 26% and 54% PPG respectively



Fr. West Africa (FWA)

- FWA retail channel has grown by 9.2% PPG (5th fastest growing country in MEA) accounting for \$1.6 B sales in MAT Q1 2023
- Local/Regional players have driven this growth as they grew by 16% PPG while accounting for 46% of total sales
- Amongst the top 10 corporations. Sanofi continues to be the top selling corporation with 7% share while Pharma 5 is the fastest growing top corporation at 27% PPG. Pharma 5 growth is driven by top products like Aclay (35% PPG), Astaph (40% PPG) and Nuravit (5% PPG)

Kuwait (KWT)

- Kuwait sales increased by 20.8% PPG accounting for \$1.4 B sales driven by hospital channel with 76% contribution of total sales
- Top 10 corporations account for 55% share in sales with Johnson & Johnson leading the market with 6% share and increased by 62% PPG and it is the fastest growing among top 10 corporations.
- Johnson & Johnson growth is driven by high growth products like Tremfya (202%), Rhinocort (601%) and Opsumit (767%) PPG

Source: IQVIA Audited Data, MAT Q1 2023, includes IQVIA private, LPO, Institutional data where available; Value sales at ex-factory price level without discount; All sales are at constant exchange rate and don't account for any currency fluctuation or devaluation

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Transformative Business Model

Ahmad ALMWAKEH







2001

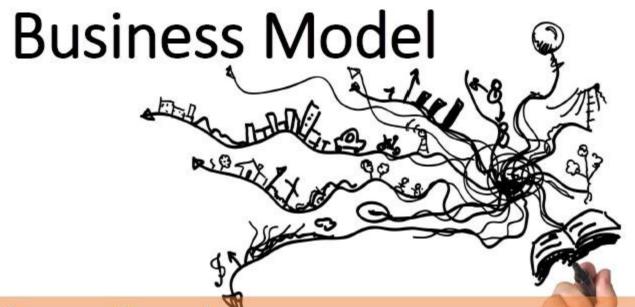












It describes how a company creates and captures value.







A business model is a system whose various features interact, often in complex ways, to determine the company's success.







Ontober 2017 Hanney Business Business







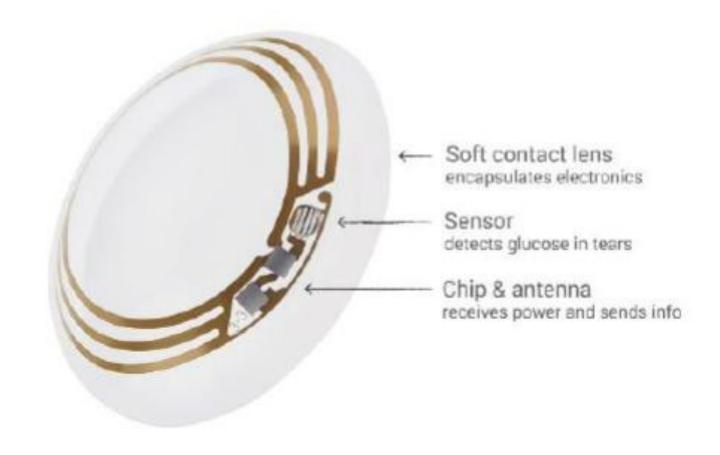


- Sensing, interfacing, and material technologies
- Optimization technologies (AI, big data, robotics)
- Platforms for connecting devices
- Mobility and cloud technologies
- Decentralized small-scale manufacturing (3-D printing)





Sensing, interfacing, and material technologies







Optimization technologies (Al, big data, robotics)



Supply Chain Optimization Technologies





Platforms for connecting devices

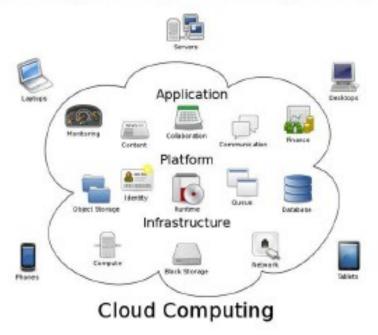






Mobility and cloud technologies

the practice of using a network of remote servers hosted on the Internet to store, manage, and process data, rather than a local server or a personal computer.







Decentralized small-scale manufacturing (3D printing)







MARKET NEEDS



- Increase in demand for products and services
- More diversity of consumer preferences
- Rise of input costs (resources, labor, transportation)
- · Greater regulatory pressure





Linking Technology & the Market





Linking Technology and the Market: Personalization

Sensing, interfacing, and material technologies

Platforms for connecting devices

Mobility and cloud technologies

Decentralized small-scale manufacturing (3-D printing) Personalization

More diversity of consumer preferences





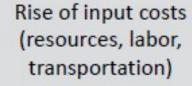
Linking Technology and the Market: CLOSED LOOP

Sensing, interfacing, and material technologies

Platforms for connecting devices

Mobility and cloud technologies

Decentralized small-scale manufacturing (3-D printing) CLOSED LOOP Increase in demand for products and services



Greater regulatory pressure







Linking Technology and the Market: ASSET SHARING

Sensing, interfacing, and material technologies

Optimization technologies (AI, big data, robotics)

Platforms for connecting devices

> Mobility and cloud technologies

ASSET SHARING

Increase in demand for products and services

> Rise of input costs (resources, labor, transportation)

Greater regulatory pressure











Linking Technology and the Market: USAGE-BASED

Sensing, interfacing, and material technologies

USAGE-BASED

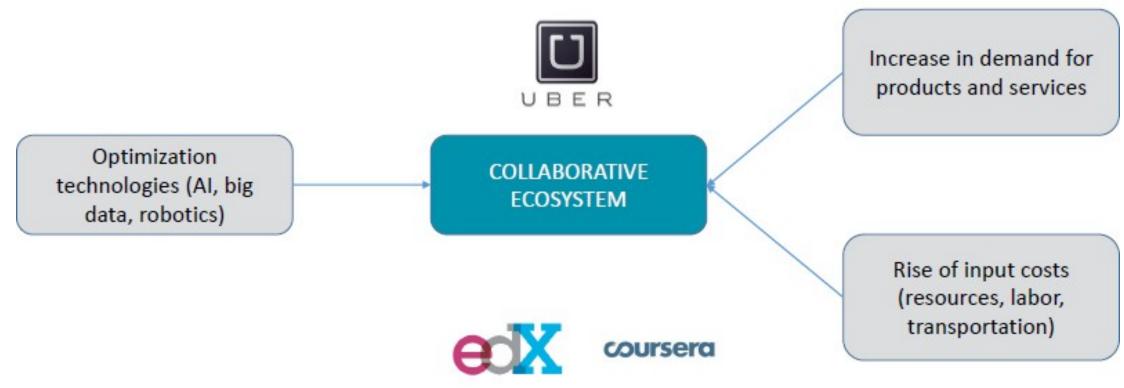
Increase in demand for products and services

Mobility and cloud technologies





Linking Technology and the Market: COLLABORATIVE ECOSYSTEM





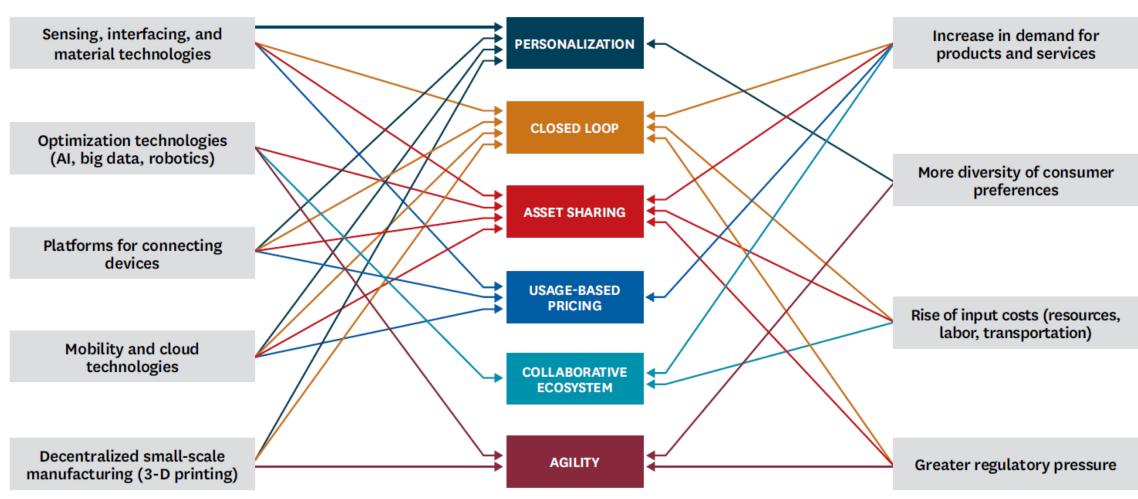


Linking Technology and the Market: AGILITY





TECH TRENDS KEYS TO INNOVATION SUCCESS MARKET NEEDS







Transformative Potential







UBER

Uber can claim five of the six key features of a potentially transformative business model.





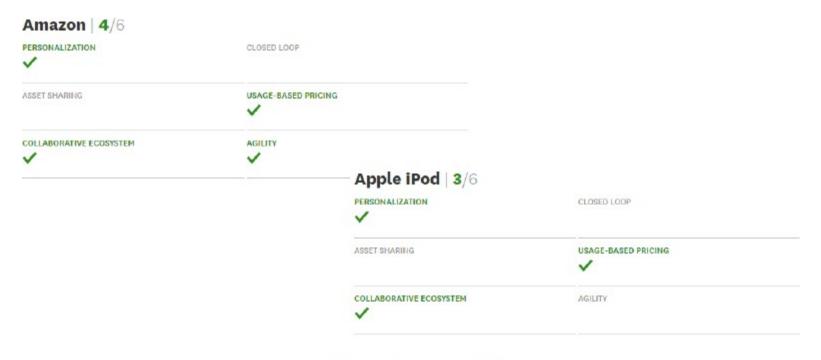


Uber | 5/6

PERSONALIZATION	CLOSED LOOP	
ASSET SHARING	USAGE-BASED PRICING	
COLLABORATIVE ECOSYSTEM	AGILITY	

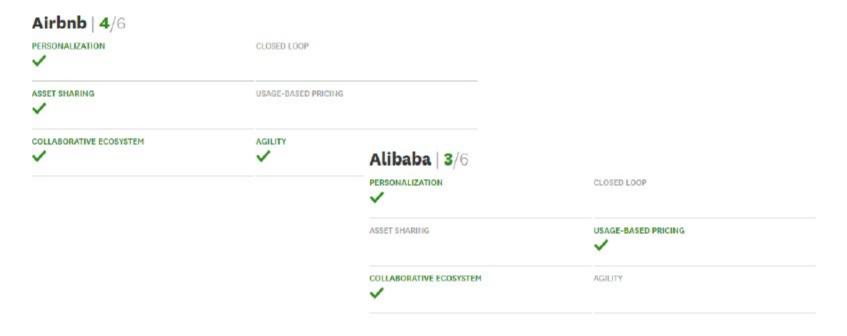
















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