

### **Contents**

#### **Executive Summary**

Impact of Covid-19 on Global Animation, VFX & Video Games

Impact of Covid-19 on Industry Value Chain

#### **Global Animation & VFX Industry**

#### **History and Evolution**

#### **Industry Differentiators**

#### **Industry Characteristics**

ANIMATION INDUSTRY SUPPLY CHAIN

**ROLE OF TECHNOLOGY** 

**MERCHANDISING OPPORTUNITIES** 

KEY DISTRIBUTION CHANNELS FOR ANIMATION CONTENT

**RISKS FACED BY ANIMATION STUDIOS** 

DEMAND DRIVERS OF ANIMATION INDUSTRY

**DRIVERS FOR SUCCESS** 

ANIMATION FINANCIAL MODELS

EMERGING TECHNOLOGICAL PLATFORMS

**EMERGING APPLICATION AREAS** 

#### **Competitive Landscape Of Animation Studios**

**Global Animation & VFX Market Size & Opportunity** 

#### Market segmentation of Animation, VFX and Video Games

**Global Animation Studios: Distribution and Capabilities** 

#### **Animation & VFX Market Segments**

#### **Market Segmentation**

**2D ANIMATION** 

3D ANIMATION / COMPUTER GENERATED IMAGERY (CGI)

VISUAL EFFECTS (VFX)

**WEB ANIMATION** 

#### Market Opportunity for 3D Animation/Computer Generated Imagery (CGI)

PRODUCING CGI ANIMATION

ADVANTAGES OF CGI ANIMATION

**DISADVANTAGES OF CGI ANIMATION** 

INFLUENCE OF CGI ON 2D ANIMATION

**CHALLENGES FOR CGI ANIMATION** 

CRITICAL SUCCESS FACTORS FOR CGI PRODUCTIONS

#### **Visual Effects (VFX)**

#### VFX INDUSTRY CHALLENGES & OPPORTUNITIES

**Stop Motion Animation** 

**Motion Capture** 

**3D Animation Movies** 

KEY TRENDS, OPPORTUNITIES, FORECASTS

#### **Animation Streaming Video on Demand**

#### **Market Size**

**NETFLIX** 

**DISNEY+** 

нво мах

AMAZON PRIME VIDEO

HULU

APPLE TV+

PEACOCK

CRUNCHYROLL

QUIBI

#### **Emerging Trends & Future of Animation & VFX**

Key predictions for the future

#### Global Television Animation Content Demand

**Global Television Animation Content demand** 

#### **Animation & VFX Software Market**

**Animation Software Market Segments** 

#### **2D Animation Software Market**

**INDUSTRY OVERVIEW** 

#### **Animation Workflow using 2D animation package**

**Analysis of key 2D Animation Softwares** 

#### **3D Animation Software Market**

**INDUSTRY OVERVIEW** 

3D ANIMATION SOFTWARE MARKET SEGMENTS

FREE ANIMATION SOFTWARES

**PLUG-INS TO PRODUCTS** 

#### Analysis of key players in 3D Animation & VFX Software Market

#### **Analysis of key 3D Animation & VFX Softwares**

#### **Japanese Anime Production Softwares**

PROMINENCE OF 2D

**RETAS - SOFTWARE FOR ANIME PRODUCTION** 

MANGA STUDIO - SOFTWARE FOR MANGA PRODUCTION

#### **Proprietary 3D Softwares of Animation studios**

#### **Collaboration between Animation Studios and Software Firms**

#### **Animation & VFX Content Creation**

#### **Content Creation Workflow in 2D Animation**

CONCEPTUALIZATION
PRE-PRODUCTION
PRODUCTION
POST-PRODUCTION

#### **Content Creation Lead Time Calculation in 2D Animation**

SCANNING AND FILTERING
INK AND PAINT
COMPOSITING AND DOPESHEET PREPARATION

#### Digital processing in 2D Animation

WORKFLOW PRECEEDING DIGITAL PROCESSING

#### **Content Creation Workflow in 3D Animation**

CONCEPTUALIZATION
PRE-PRODUCTION
PRODUCTION
POST-PRODUCTION
PARALLEL ACTIVITIES

#### Timeline of a 3D production workflow

ANIMATION SOFTWARE USAGE IN 3D PRODUCTION WORKFLOW

#### **Animation Production Management**

GOVERNANCE TASK DIVISION AND PEOPLE ALLOCATION TECHNOLOGY

#### **Cloud Computing in Animation & VFX Workflow**

#### **Audience Dynamics**

#### **Marketing Strategies for Animation Studios**

MARKETING PROGRAM
ONLINE PRESENCE
PROFILING AND TARGETING THE RIGHT AUDIENCE
DISTRIBUTION
CONFERENCES, FESTIVALS & EVENTS

#### **Strategies for Successful Animation Films**

BEST PRACTICES IN CHARACTER DESIGN LESSONS FROM PAST MISTAKES

#### **Profile of a 3D Animation Studio: Disney Pixar**

DISNEY PIXAR'S TECHNOLOGICAL ADVANTAGE

#### **Economics of Animation & VFX**

Revenue break-up across distribution channels

**Marketing to Exhibition of Animation Content** 

MARKETING LICENSING MERCHANDISING DISTRIBUTION EXHIBITION

#### **Economics of Animation Copyrights**

DYNAMICS OF COPYRIGHTS

#### **Guidelines for Setting up an Animation Studio**

**Investments Needed for Setting up an Animation Studio** 

**Specialized Hardware and Software Investments** 

**Leveraging Cloud Computing for Competitive Advantage** 

#### Managing an Animation & Video Games Studio

**Key Issues of Concern** 

Formulating the long-term Strategy

#### **Animation Content Outsourcing**

#### **Offshore Computer Animation Production**

BUSINESS AND REVENUE MODELS

#### **Drivers**

#### **Global Video Games Industry**

#### **Key Trends in the Global Video Games Industry**

IMPACT OF COVID-19 ON GLOBAL VIDEO GAMES INDUSTRY
INDUSTRY OVERVIEW
VIDEO GAMES INDUSTRY STRUCTURE
CHANGING VIDEO GAME BUSINESS MODELS
ONLINE VIDEO GAMING BUSINESS MODELS
VIDEO GAMES INDUSTRY VALUE CHAIN
MOBILE GAMES INDUSTRY VALUE CHAIN
GAME DISTRIBUTION MODELS

#### **Key Opportunities & Strategies for Video Games Industry**

GAMES INDUSTRY COMPETENCIES & SKILLS
GUIDELINES FOR A GAMES STUDIO STRUCTURE

#### Artificial Intelligence, Machine Learning & Deep Learning driven Hyper-Personalisation For Video Games

MACHINE LEARNING FOR IN-GAME ANALYTICS, USER ACQUISITION & RETENTION

#### **Video Games Market Segments**

**MOBILE VIDEO GAMES SEGMENTS & GENRES** 

#### **Global Video Games Market Size & Opportunity**

CROSS OVER BETWEEN GAMES AND MOVIES

#### **Cloud Gaming Market & Opportunities**

MARKET SIZE, USER BASE, ADVANTAGES & CHALLENGES
KEY CLOUD GAMING SERVICE PROVIDERS
CLOUD GAMING MARKET OPPORTUNITIES AND PREDICTIONS

#### Global eSports Market

#### **Key Trends in the Global eSports Industry**

ESPORTS INDUSTRY STRUCTURE
MOST POPULAR ESPORTS TOURNAMENTS
ESPORTS BUSINESS MODELS
ESPORTS INDUSTRY VALUE CHAIN

#### **Key Opportunities & Strategies for eSports Industry**

**Key eSports industry forecasts** 

**Global eSports Market Size & Opportunity** 

#### AFRICA ANIMATION, VFX & VIDEO GAMES

#### South Africa Animation VFX & Video Games

#### **South Africa Animation & VFX**

IMPACT OF COVID-19 ON SOUTH AFRICAN ANIMATION, VFX & VIDEO GAMES KEY TRENDS IN SOUTH AFRICAN ANIMATION INDUSTRY INDUSTRY DRIVERS CHALLENGES INDUSTRY OPPORTUNITIES ANIMATION STUDIOS IN SOUTH AFRICA STRATEGIES FOR ANIMATION STUDIOS IN SOUTH AFRICA DATA ON ANIMATION STUDIOS IN SOUTH AFRICA

#### **South Africa Video Games Market**

ADVANTAGES OF GAME DEVELOPMENT OUTSOURCING TO SOUTH AFRICA KEY TRENDS IN THE VIDEO GAMES INDUSTRY IN SOUTH AFRICA

#### South Africa's Video Games Market Size & Opportunity

#### Nigeria Animation VFX & Video Games

#### **Nigeria Animation & VFX**

IMPACT OF COVID-19 ON NIGERIAN ANIMATION, VFX & VIDEO GAMES NIGERIAN ANIMATION INDUSTRY OVERVIEW INDUSTRY DRIVERS CHALLENGES INDUSTRY OPPORTUNITIES

ANIMATION STUDIOS IN NIGERIA
ANIMATION SCHOOLS NIGERIA
STRATEGIES FOR ANIMATION STUDIOS IN NIGERIA
DATA ON ANIMATION STUDIOS IN NIGERIA

#### **Nigeria Video Games Market**

ADVANTAGES OF GAME DEVELOPMENT OUTSOURCING TO NIGERIA KEY TRENDS IN THE VIDEO GAMES INDUSTRY IN NIGERIA

**Nigeria Video Games Market Size & Opportunity** 

#### **Egypt Animation VFX & Video Games**

#### **Egypt Animation & VFX**

IMPACT OF COVID-19 ON EGYPTIAN ANIMATION, VFX & VIDEO GAMES EGYPT'S FIRST ANIMATED FEATURE FILM INDUSTRY DRIVERS CHALLENGES INDUSTRY OPPORTUNITIES ANIMATION STUDIOS IN EGYPT STRATEGIES FOR ANIMATION STUDIOS IN EGYPT

#### **Egypt Video Games Market**

KEY TRENDS IN THE VIDEO GAMES INDUSTRY IN EGYPT

**Egypt Video Games Market Size & Opportunity** 

#### **Morocco Animation VFX & Video Games**

#### **Morocco Animation & VFX**

ANIMATION FESTIVALS AND COMMUNITIES INDUSTRY DRIVERS
CHALLENGES
INDUSTRY OPPORTUNITIES

#### **Morocco Video Games Market**

KEY TRENDS IN THE VIDEO GAMES INDUSTRY IN MOROCCO

**Morocco Video Games Market Size & Opportunity** 

#### **Kenya Animation VFX & Video Games**

#### **Kenya Animation & VFX**

INDUSTRY DRIVERS
CHALLENGES
INDUSTRY OPPORTUNITIES
ANIMATION STUDIOS IN KENYA
STRATEGIES FOR ANIMATION STUDIOS IN KENYA

#### **Kenya Video Games Market**

KEY TRENDS IN THE VIDEO GAMES INDUSTRY IN KENYA

**Kenya Video Games Market Size & Opportunity** 

#### **Algeria Animation VFX & Video Games**

**Algeria Animation & VFX** 

INDUSTRY DRIVERS
CHALLENGES
INDUSTRY OPPORTUNITIES

**Algeria Video Games Market** 

KEY TRENDS IN THE VIDEO GAMES INDUSTRY IN ALGERIA

**Algeria Video Games Market Size & Opportunity** 

Senegal Animation & VFX

**Zimbabwe Animation & VFX** 

KEY CHALLENGES FACED BY THE INDUSTRY IN ZIMBABWE KEY RECOMMENDATIONS FOR THE ANIMATION INDUSTRY IN ZIMBABWE

Niger Animation & VFX

**Ivory Coast Animation & VFX** 

**Ghana Animation & VFX** 

**Congo Animation & VFX** 

**Burkina Faso Animation & VFX** 

## **Figures and Tables**

TABLE: IMPACT OF COVID-19 ON GLOBAL ANIMATION, VFX & VIDEO GAMES

FIGURE: EARLY ANIMATIONS

TABLE: ANIMATION MOVIES ADAPTED FROM TELEVISION

FIGURE : ANIMATION INDUSTRY ACTIVITY FLOW

FIGURE: ANIMATION & VFX INDUSTRY SUPPLY CHAIN

FIGURE: EARLY CGI BASED ANIMATIONS

TABLE: LIVE ACTION MOVIES FEATURING CGI CHARACTERS

**TABLE: TOP GROSSING ANIMATION MOVIES** 

FIGURE: MARKET SIZE OF GLOBAL ANIMATION, VFX AND VIDEO GAMES

FIGURE: BREAK-UP OF GLOBAL ANIMATION, VFX AND VIDEO GAMES INDUSTRY

FIGURE: MARKET SIZE OF GLOBAL ANIMATION & VFX INDUSTRY FIGURE: MARKET SIZE OF GLOBAL VIDEO GAMES INDUSTRY

FIGURE: GEOGRAPHICAL BREAK-UP OF GLOBAL ANIMATION, VFX & VIDEO GAMES INDUSTRY

FIGURE: GEOGRAPHICAL BREAK-UP OF GLOBAL ANIMATION & VFX INDUSTRY FIGURE: MARKET SEGMENTS OF ANIMATION, VFX & VIDEO GAMES INDUSTRY FIGURE: GLOBAL ANIMATION, VFX & VIDEO GAMING INDUSTRY SEGMENTS

FIGURE: MARKET SIZE OF ANIMATION & VFX IN MOVIES & TELEVISION

FIGURE: MARKET SIZE OF ANIMATION & VFX IN MANUFACTURING

FIGURE: MARKET SIZE OF ANIMATION & VFX IN ARCHITECTURE & ENGINEERING

FIGURE: MARKET SIZE OFANIMATION & VFX IN EDUCATION

FIGURE: MARKET SIZE OF ANIMATION IN MEDICAL, HEALTHCARE & SCIENTIFIC FIGURE: MARKET SIZE OF ANIMATION & VFX IN GOVERNMENT & DEFENCE FIGURE: MARKET SIZE OF ANIMATION & VFX IN MARKETING & ADVERTISING FIGURE: GEOGRAPHIC DISTRIBUTION OF ANIMATION STUDIOS IN THE WORLD

FIGURE: BREAK-UP OF ANIMATION STUDIOS BASED ON CAPABILITIES

TABLE: MOST INFLUENTIAL ANIMATION STUDIOS OF ALL TIME TABLE: ANIMATED FEATURE FILMS FROM PROMINENT STUDIOS

FIGURE: BREAK-UP OF GLOBAL ANIMATION & VFX MARKET BY PRODUCTION TECHNIQUES

**TABLE: TOP ANIMATION MOVIE FRANCHISES** 

TABLE: TOP GROSSING CGI ANIMATION MOVIES OF ALL TIME

TABLE: 3D ANIMATION / CGI FEATURE FILMS

TABLE: LIVE ACTION MOVIES WITH CGI MAIN CHARACTERS TABLE: PROMINENT STOP MOTION ANIMATION MOVIES

TABLE: PROMINENT MOTION CAPTURE MOVIES

FIGURE: GLOBAL BOX OFFICE REVENUES OF 3D MOVIES

FIGURE: BOX OFFICE REVENUES OF 3D MOVIES IN NORTH AMERICA

FIGURE: GROWTH OF GLOBAL 3D SCREENS

FIGURE: NUMBER OF 3D MOVIES RELEASED GLOBALLLY

**TABLE: PROMINENT 3D MOVIES** 

TABLE: TOP GROSSING 3D ANIMATION MOVIES OF ALL TIMES
TABLE: 3D ANIMATION MOVIES IN THE TOP 20 GROSSING MOVIES

FIGURE: GLOBAL STREAMING VIDEO MARKET SIZE

FIGURE: GLOBAL ANIMATION & VFX STREAMING VIDEO MARKET SIZE

TABLE: MINUTES OF TELEVISION ANIMATION CONTENT DEMAND WORLDWIDE

FIGURE: MINUTES OF 2D/3D TELEVISION ANIMATION CONTENT DEMAND GLOBALLY

FIGURE: COMMERCIAL ANIMATION SOFTWARE MARKET SIZE

FIGURE: ANIMATION SOFTWARE MARKET BREAK-UP BY SEGMENTS

TABLE: CLASSIFICATION OF ANIMATION SOFTWARE

TABLE: KEY PLAYERS AND THEIR PRODUCTS IN 2D ANIMATION SOFTWARE MARKET

TABLE: LEADING 2D AND 3D ANIMATION SOFTWARES

TABLE: LEADING 3D ANIMATION SOFTWARES BY APPLICATION & OPERATING SYSTEM TABLE: KEY PLAYERS AND THEIR PRODUCTS IN 3D ANIMATION SOFTWARE MARKET

TABLE: FREE ANIMATION SOFTWARES

TABLE: PRICING STRUCTURES OF KEY ANIMATION SOFTWARE PACKAGES

TABLE: COMPARISON OF KEY 3D ANIMATION SOFTWARE FIGURE: 2D ANIMATION PRODUCTION WORKFLOW FIGURE: 3D ANIMATION PRODUCTION WORKFLOW

FIGURE: 3D ANIMATION WORKFLOW FIGURE: KEY GLOBAL ANIMATION EVENTS FIGURE: DISNEY PIXAR'S PRODUCTIONS

FIGURE: ANIMATION MOVIE MARKETING COST BREAK-UP

TABLE: LEADING GLOBAL ANIMATION LICENSORS AND LICENSED PROPERTIES

TABLE: COST BREAK-UPS OF LEADING ANIMATION MOVIES

TABLE : CAPITAL EXPENDITURE FOR SETTING UP AN ANIMATION STUDIO TABLE : PROFILE OF EMPLOYEES REQUIRED TO MANAGE THE STUDIO

TABLE: LEADING GLOBAL VIDEO GAMES STUDIOS FIGURE: COST STRUCTURE OF VIDEO GAMES

TABLE: TOP VIDEO GAMES BY COST OF DEVELOPMENT

**TABLE: TOP GROSSING VIDEO GAMES** 

TABLE: TOP GROSSING VIDEO GAMES FRANCHISES

TABLE : COMPETENCIES AND PROFILE OF EMPLOYEES FOR GAME DEVELOPMENT ACROSS DIFFERENT FORMATS

FIGURE: GAME DEVELOPMENT VALUE CHAIN

TABLE: KEY IN-GAME METRICS FOR BIG DATA ANALYTICS FIGURE: GAMES INDUSTRY REVENUES BY DEVICE TYPES FIGURE: MARKET SIZE OF GLOBAL VIDEO GAMES INDUSTRY

FIGURE: GEOGRAPHICAL BREAK-UP OF GLOBAL VIDEO GAMES INDUSTRY

FIGURE: MARKET SIZE OF VIDEO GAMES INDUSTRY IN THE US
FIGURE: MARKET SIZE OF VIDEO GAMES INDUSTRY IN EUROPE

FIGURE : MARKET SIZE OF VIDEO GAMES INDUSTRY IN ASIA

FIGURE: MARKET SIZE OF VIDEO GAMES INDUSTRY IN REST OF THE WORLD FIGURE: REVENUE BREAK-DOWN BY VIDEO GAME INDUSTRY GENRES FIGURE: GEOGRAPHICAL MARKET SIZE BREAK-UP OF MOBILE VIDEO GAMES

FIGURE: MARKET SIZE OF MOBILE VIDEO GAMES INDUSTRY IN THE US

FIGURE : MARKET SIZE OF MOBILE GAMES INDUSTRY IN EUROPE FIGURE : MARKET SIZE OF MOBILE GAMES INDUSTRY IN ASIA

 ${\sf FIGURE: MARKET\: SIZE\: OF\: MOBILE\: GAMES\: INDUSTRY\: IN\: REST\: OF\: THE\: WORLD }$ 

TABLE : LEADING GLOBAL GAMING ECO-SYSTEM PLAYERS BY COUNTRY

TABLE: GAMES BASED ON ANIMATION MOVIES TABLE: MOVIES BASED ON VIDEO GAMES FIGURE: GLOBAL CLOUD GAMING MARKET FIGURE: GLOBAL CLOUD GAMING USER BASE

FIGURE: GEOGRAPHICAL BREAK-UP OF GLOBAL CLOUD GAMING MARKET FIGURE: GEOGRAPHICAL BREAK-UP OF GLOBAL CLOUD GAMING USER BASE

FIGURE: CLOUD GAME SERVICES

TABLE: LARGEST ESPORTS TOURNAMENTS
TABLE: ESPORTS ADOPTION BY COUNTRY

TABLE: LARGEST INDIVIDUAL ESPORTS TOURNAMENTS
TABLE: LARGEST TEAM ESPORTS TOURNAMENTS
FIGURE: MARKET SIZE OF GLOBAL ESPORTS INDUSTRY

FIGURE: GEOGRAPHICAL MARKET SIZE BREAK-UP OF GLOBAL ESPORTS INDUSTRY

FIGURE: ESPORTS GLOBAL AUDIENCE

FIGURE: GEOGRAPHICAL BREAK-UP OF ESPORTS GLOBAL AUDIENCE

FIGURE: MARKET SIZE OF ESPORTS INDUSTRY IN THE US FIGURE: MARKET SIZE OF ESPORTS INDUSTRY IN EUROPE FIGURE: MARKET SIZE OF ESPORTS INDUSTRY IN ASIA

FIGURE: MARKET SIZE OF ESPORTS INDUSTRY IN THE REST OF THE WORLD

FIGURE: ESPORTS INDUSTRY REVENUE BREAK-DOWN

TABLE: IMPACT OF COVID-19 ON SOUTH AFRICAN ANIMATION, VFX & VIDEO GAMES

TABLE: ANIMATION & VFX STUDIOS IN SOUTH AFRICA FIGURE: SOUTH AFRICA'S FIRST ANIMATED FEATURE FILM

FIGURE: SOUTH AFRICA'S 3D FEATURE FILM

FIGURE: NUMBER OF ANIMATION & VFX STUDIOS IN SOUTH AFRICA

FIGURE: BREAK-UP OF ANIMATION STUDIOS IN SOUTH AFRICA BASED ON SIZE

FIGURE: BREAK-UP OF ANIMATION STUDIOS IN SOUTH AFRICA BASED ON CAPABILITIES

FIGURE: CLASSIFICATION OF ANIMATION STUDIOS IN SOUTH AFRICA BASED ON APPLICATIONS

FIGURE: NUMBER OF PEOPLE EMPLOYED IN THE SOUTH AFRICAN ANIMATION INDUSTRY

FIGURE: COST PROJECTIONS OF PRODUCING ONE EPISODE OF ANIMATION IN SOUTH AFRICA

FIGURE: MINUTES OF ANIMATION CONTENT PRODUCED IN SOUTH AFRICA FIGURE: BREAK-UP OF ANIMATION CONTENT OUTPUT OF SOUTH AFRICA

FIGURE: 3D ANIMATION SALARIES IN SOUTH AFRICA FIGURE: 2D ANIMATION SALARIES IN SOUTH AFRICA

FIGURE: WEB & MOBILE ANIMATION SALARIES IN SOUTH AFRICA

FIGURE: GAMING SALARIES IN SOUTH AFRICA

TABLE: TOP GROSSING PLAY STORE VIDEO GAMING APPLICATIONS IN SOUTH AFRICA TABLE: TOP GROSSING APPLE STORE VIDEO GAMING APPLICATIONS IN SOUTH AFRICA

FIGURE: MARKET SIZE OF VIDEO GAMES INDUSTRY IN SOUTH AFRICA

FIGURE: MARKET SIZE OF MOBILE VIDEO GAMES INDUSTRY IN SOUTH AFRICA FIGURE: REVENUE BREAK-DOWN BY MOBILE GAME GENRES IN SOUTH AFRICA TABLE: IMPACT OF COVID-19 ON NIGERIAN ANIMATION, VFX & VIDEO GAMES

FIGURE: NIGERIA'S DAWN OF THUNDER
FIGURE: NIGERIA ANIMATION PRODUCTIONS
TABLE: ANIMATION & VFX STUDIOS IN NIGERIA
TABLE: ANIMATION & VFX SCHOOLS IN NIGERIA

FIGURE: NUMBER OF ANIMATION & VFX STUDIOS IN NIGERIA

FIGURE: NUMBER OF PEOPLE EMPLOYED IN THE NIGERIAN ANIMATION INDUSTRY FIGURE: COST PROJECTIONS OF PRODUCING ONE EPISODE OF ANIMATION IN NIGERIA

TABLE: TOP GROSSING PLAY STORE VIDEO GAMING APPLICATIONS IN NIGERIA TABLE: TOP GROSSING APPLE STORE VIDEO GAMING APPLICATIONS IN NIGERIA

FIGURE: MARKET SIZE OF VIDEO GAMES INDUSTRY IN NIGERIA

FIGURE: MARKET SIZE OF MOBILE VIDEO GAMES INDUSTRY IN NIGERIA

FIGURE: EARLIEST EGYPTIAN ANIMATION PRODUCTIONS

FIGURE: EGYPTIAN ANIMATION PRODUCTIONS

TABLE: IMPACT OF COVID-19 ON EGYPTIAN ANIMATION, VFX & VIDEO GAMES

TABLE: ANIMATION & VFX STUDIOS IN EGYPT

TABLE: TOP GROSSING PLAY STORE VIDEO GAMING APPLICATIONS IN EGYPT TABLE: TOP GROSSING APPLE STORE VIDEO GAMING APPLICATIONS IN EGYPT

FIGURE: MARKET SIZE OF VIDEO GAMES INDUSTRY IN EGYPT

FIGURE: MARKET SIZE OF MOBILE VIDEO GAMES INDUSTRY IN EGYPT

TABLE : TOP GROSSING PLAY STORE VIDEO GAMING APPLICATIONS IN MOROCCO TABLE : TOP GROSSING APPLE STORE VIDEO GAMING APPLICATIONS IN MOROCCO

FIGURE: MARKET SIZE OF VIDEO GAMES INDUSTRY IN MOROCCO

FIGURE: MARKET SIZE OF MOBILE VIDEO GAMES INDUSTRY IN MOROCCO

FIGURE: KENYAN ANIMATION PRODUCTIONS TABLE: ANIMATION & VFX STUDIOS IN KENYA

TABLE: TOP GROSSING PLAY STORE VIDEO GAMING APPLICATIONS IN KENYA TABLE: TOP GROSSING APPLE STORE VIDEO GAMING APPLICATIONS IN KENYA

FIGURE: MARKET SIZE OF VIDEO GAMES INDUSTRY IN KENYA

FIGURE: MARKET SIZE OF MOBILE VIDEO GAMES INDUSTRY IN KENYA

TABLE: TOP GROSSING PLAY STORE VIDEO GAMING APPLICATIONS IN ALGERIA TABLE: TOP GROSSING APPLE STORE VIDEO GAMING APPLICATIONS IN ALGERIA

FIGURE: MARKET SIZE OF VIDEO GAMES INDUSTRY IN ALGERIA

FIGURE: MARKET SIZE OF MOBILE VIDEO GAMES INDUSTRY IN ALGERIA

FIGURE: SENEGALESE ANIMATION PRODUCTIONS
FIGURE: AFRICA'S FIRST ANIMATED FEATURE FILM
FIGURE: ZIMBABWEAN ANIMATION PRODUCTIONS
FIGURE: EARLY NIGER ANIMATION PRODUCTIONS

FIGURE: EARLY IVORY COAST ANIMATION PRODUCTIONS

FIGURE: GHANA'S ANIMATION PRODUCTIONS FIGURE: CONGO ANIMATION PRODUCTIONS

FIGURE: EARLY BURKINA FASO ANIMATION PRODUCTIONS