Case Study on AWS (Amozon Web server Church Computing: Cloud computing is the on-demand availability of computer system resources, especially data Storage (cloud Storage) and computing power, without direct active management by the cour. The term is generally used to described data centres available to many wars over the Internet. Large clouds, predominant today, of have functions distributed over multiple locations from central Servers. If the connection to the wer is relatively close, it may be designated an edge Server. What is AWS? Amazon Web Server (AWS) & a Subsidienty of American providing on-demand aloud computing platforms and APIs to individuals, companies, and governments, on a metered pay-an-you-go basis Amazon Web Server (AWS) & the world's most comprehensive and broadly adopted Chud photform. Offering Over 175 July-Jeatures Services from date centres globally. Millions of customers - including the fastest growing startups, enterprises + leading government are using AWS at lower costs.

History of AWS Amazon lounched its first cloud computing Service, Simple Storage Service (S3) In March of 2006. But idea for the public cloud began germinating at Company Several years earlier. Popular myth says that Amazon began Schling public cloud computing serives because it excers capacity from running its e Commerce Executives have reproteedly contradicted that story outside Clastomers. ou a Service for Homever the company's experience with e Commence did help lay the groundwork ofor AWs. In early 2000s, Amazon. com's internal abrelopment team had a problem. They were adding a lot of Software engineers, he issue was that each developer was setting up new and unique compute, storage and budahase resources for each project. The IT group realized that if they could Standardize those resources and Simplify the process of deploying new IT infrastructure, they might be able to speed wthings up.

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· Most Secure.
Secure Cloud Computing environment avoidable
Secure Cloud Computing environment avoilable today. Our core infractitructure is built to scatify the Security requirements for the military, Global
the Security requirements for the military, global hanks, and other high-sensitivity organizations.
· Fastest Pace of Innovation
With AWS, you can leverage the latest technologies to experiment and innovate more quickly. We are continually accelerating our pace of innovation. to invent entirely new technologies you can use to transform your husiness.
· Agility
The cloud gives you easy accento a broad range of technologies so that you can innovate faster and build roomy onything that you can imagine.
· Cost saving
The choud allows you to trade corpital expenses for variable expenses and any pay for IT as you consume it. Plus it is way more cheaper that any other services

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Case Study on Android OS
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* Introduction
Across the globe in more than 190 countries,
hundreds of millions of mobile devices are powered
by Android Operating System.
75% of the global market share by the end of 2020.
Gangle Sponsored project at initial stages and in
the year 2005, it acquired the whole company.
It's popular because it has long list of features,
user-frie user-friendly, has huge community support,
provides a greater extent of customization, and a large number of company build Android-compatible
number of company build Android-Compatible
Smart Phones
* Features Of Android OS
W FECHATES Of MENDIO 100
Juser Interface: Android provides a great user
Muser Interface: Android provides a great user interface which allow user to communicate with
his device.
2] Storage: Uses "Salite" to store the data. Salite being a relational data base processing queties are
being a relational data base processing queties are
fast.

BNN COLLEGE BHIWANDI PRACTICAL NO. 3) File Manager: Data Storage related activities will be monaged by the file manager 4) Media : Supports wich range of media like TPEG. PNG, GTF. Opp. MP3, WAY, etc. 5] Messaging: Provides vorious messaging Services like of Connectivity: Anctroid provide various range of connectivity like GSM. EDGE, COMA, Wi-fi, LTE, etc. 7] UPS: It contains multiple APIs to support Inationtracking services such as UPS. 8] Multitesking: Android provides multitasking capability for the user. They can operate multiple applications at the same time 9] Multitouch: Android Support Muttitouch functionality where user's allowed to make multiple · touches at the same time and the OS will process it this is negotly used for garing.

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* Largered Architecture of Android	Os
Android operating System is a Stack of so	Stucre
and pur main layers. as shown below	How Electron 1
circhitecture clingreis are listed below.	(1) The
Il Linux Kernel	
-> Linux 31 the buttom layer. The bottom	layer Offers a
level of abstraction between hardware as all the essentiols required for hardware	ad it contains
Camero, Keypad, display, etc.	
27 Libraries	
Kernel. Along with open-source Library	aleb braze
togine weakit, a collection of nopular	IDECTION LINE
Solite identabase which is a useful representation and Sharing application data, like	prory to plan
for internet security etc.	raries responsible
Java based libraries are used for the	purpose of
Androis Os.	mont of
The application francwork libraries on	a used for
purpose of coldition to those that faci interface (UI) building graphics drawing	litate wer
databases occess	1010