

SUBJECT: HUMAN MACHINE INTERACTION

EXPERIMENT NO.1

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Class: BE-A COMPS	Batch: A3
Date of Experiment:	Date of Submission:
Grade:	

B.1 Domain selected by student:

CLOUD SERVICES (WEBSITES).

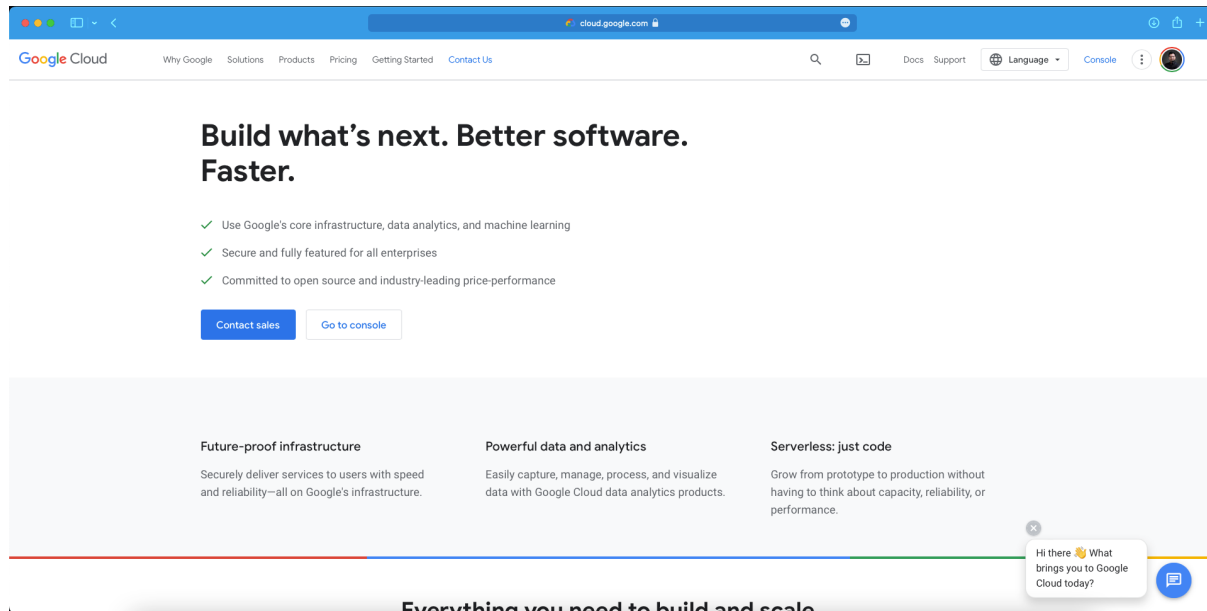
Cloud-based web hosting means that your website information and data is stored virtually, in cloud-based servers. This is done in a similar way to how pictures on your phone are stored to places like iCloud or on Google Drive. Cloud services are infrastructure, platforms, or software that are hosted by third-party providers and made available to users through the internet. ... Users can access cloud services with nothing more than a computer, operating system, and internet connectivity or virtual private network (VPN).

Here are few selected websites under this domain:

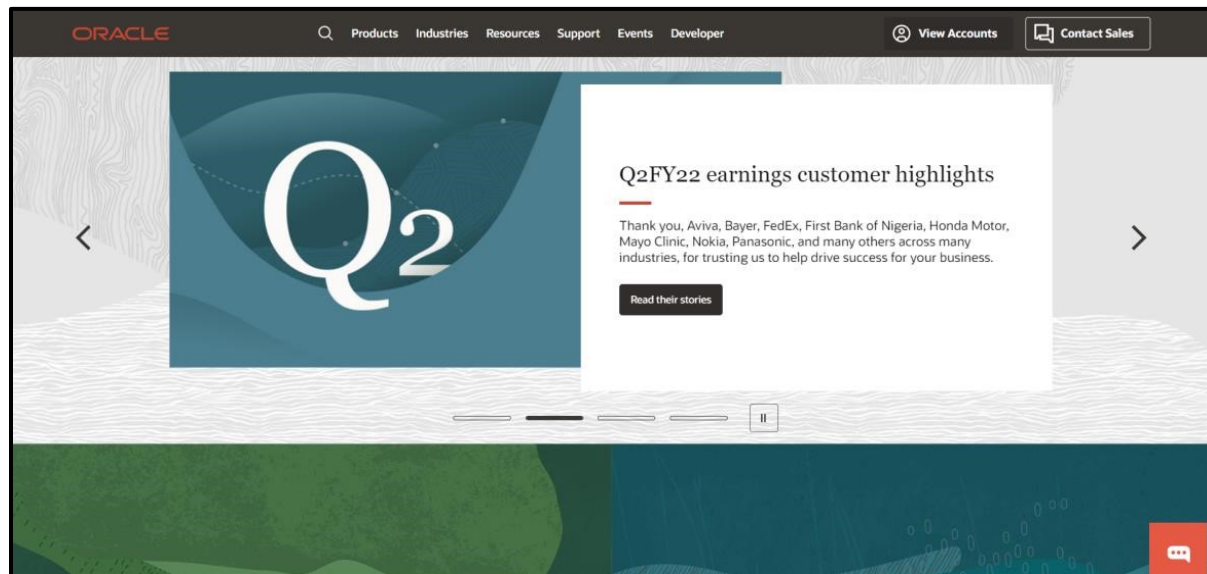
1. Google Cloud
2. Oracle
3. IBM cloud
4. AWS
5. Microsoft Azure

B.2. Home Page Screen Snapshot:

Website 1




Website 2



Website 3

IBM Cloud

CatalogCost estimatorDocs



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Website 4



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Root user email address

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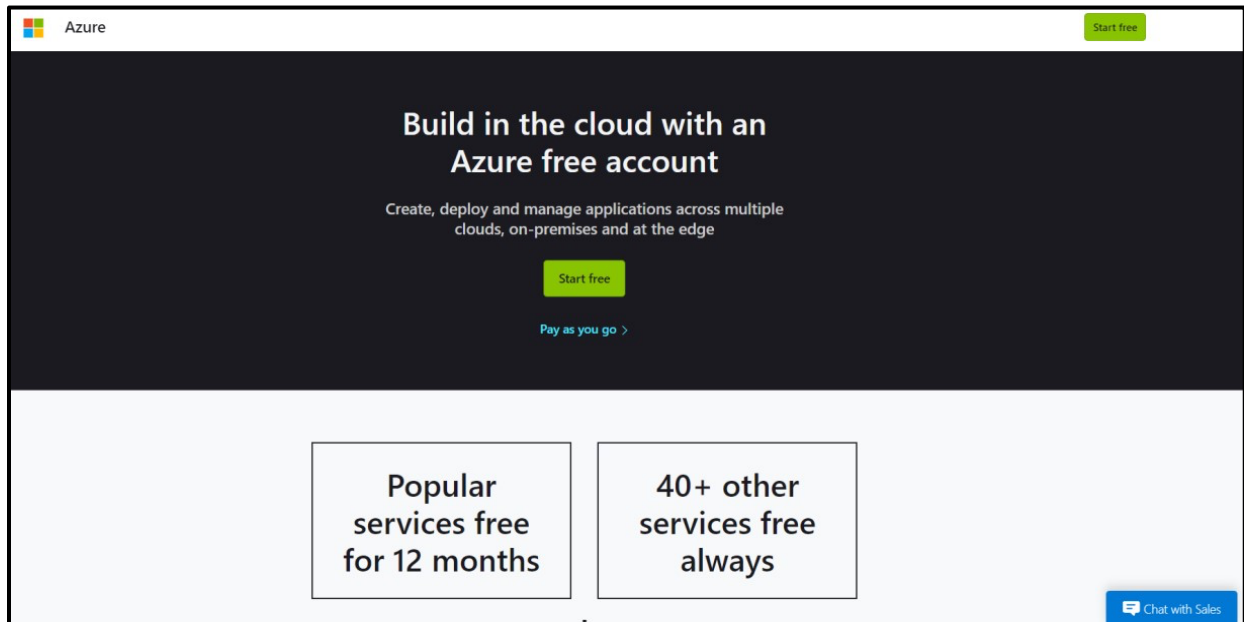
Start today for free including DocumentDB, additional RDS instances, and more!

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English

Website 5



B.3 Analysis of website:

Table 1

Sr. No	Parameters	Website 1 GOOGLE CLOUD	Website 2 ORACLE	Website 3 IBM CLOUD
1	Accessibility	Easy to use	Easy to use	Easy to use
2	Aesthetically Pleasing	Decent graphics	Decent graphics	Graphics are good
3	Availability	Pages are loaded completely	Pages are loaded completely	Pages are loaded completely
4	Clarity	Moderate	Good	Best
5	Compatibility	Satisfying	Satisfying	Users gets what they want exactly

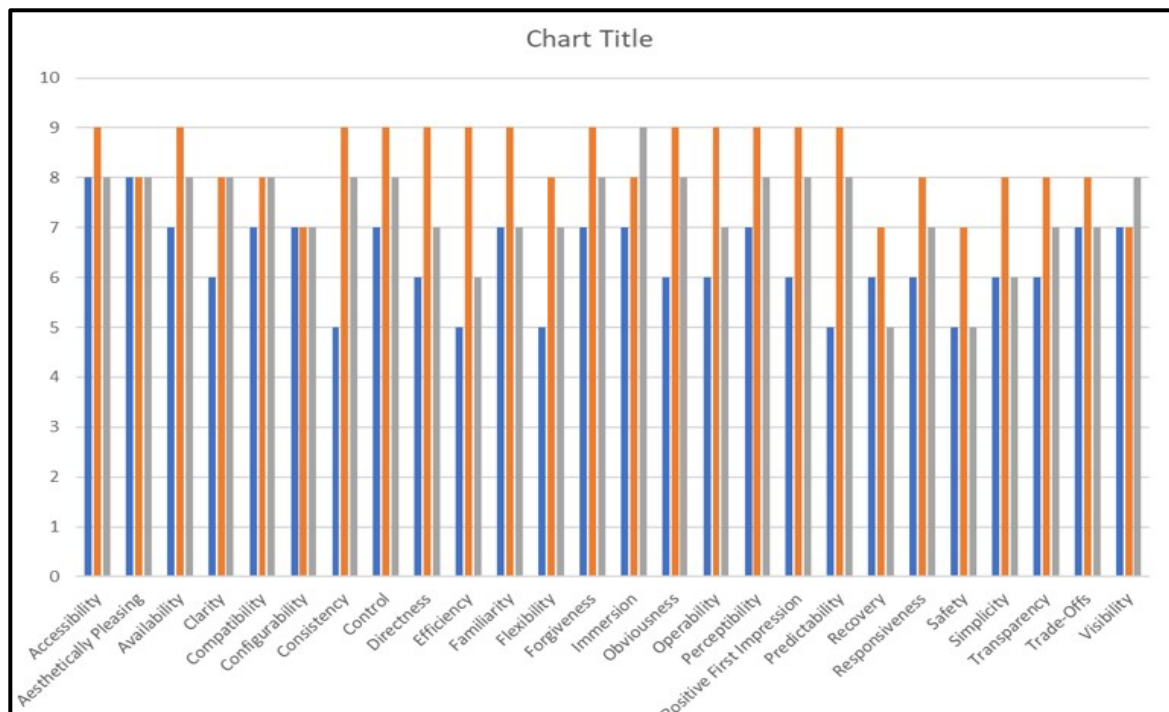
6	Configurability	Decent	No user configuration available	Easy to configure
7	Consistency	Poor in terms of consistency	Thoroughly consistent	Less Consistent
8	Control	Interaction between the pages is controlled	Interaction between the pages is not well controlled	Interaction between the pages is controlled
9	Directness	The objects lead us to our desired page	Moderate	The objects lead us to our desired page
10	Efficiency	Quite efficient, Some contents are no longer available but are still available on the homepage.	Efficient. System control flows easily and freely	The content is not up to the mark, too much extra info is there
11	Familiarity	Uses a language that is familiar to the user.	Employs familiar concepts and uses a language that is familiar to the user.	Employs familiar concepts and uses a language that is familiar to the user.
12	Flexibility	Poor	It remembers user's past history	Not flexible enough
13	Forgiveness	Prevents errors	Prevents errors	Prevents errors
14	Immersion	Some pages are displayed vaguely.	Enhances user interaction	On a particular page, too much details given
15	Obviousness	Decent context and visual representation.	The context and visual representation are good	The context and visual representation are decent
16	Operability	Good	Good	Decent
17	Perceptibility	Moderate	Good	Good

18	Positive First Impression	Decent	Good	Decent
19	Predictability		Good	Good
20	Recovery	Not available	Not available	Not available
21	Responsiveness	Decent	Good	It consumes most time to load the pages
22	Safety	Not safe enough to connect via your social media accounts	Comparatively safe	Not safe
23	Simplicity	Sometimes it leads to unnecessary advertisements instead of loading the game in the first place.	It gives exact content with simple graphics but has unnecessary advertisements in between.	It gives exact content with simple graphics but has unnecessary advertisements in between.
24	Transparency	Poor	Transparency is less	Transparency is less
25	Trade-Offs	Not available	Not available	Not available
26	Visibility	Well organised	Moderately organized	Context is Organized

Table 2

Sr. No	Parameters	Website 1 Rating Out of 10 GOOGLE CLOUD	Website 2 Rating Out of 10 IBM CLOUD	Website 3 Rating Out of 10 ORACLE
1	Accessibility	8	9	8
2	Aesthetically Pleasing	8	8	8
3	Availability	7	9	8
4	Clarity	6	8	8
5	Compatibility	7	8	8
6	Configurability	7	7	7
7	Consistency	5	9	8
8	Control	7	9	8
9	Directness	6	9	7
10	Efficiency	5	9	6
11	Familiarity	7	9	7
12	Flexibility	5	8	7
13	Forgiveness	7	9	8
14	Immersion	7	8	9
15	Obviousness	6	9	8
16	Operability	6	9	7
17	Perceptibility	7	9	8
18	Positive First Impression	6	9	8
19	Predictability	5	9	8
20	Recovery	6	7	5
21	Responsiveness	6	8	7
22	Safety	5	7	5

23	Simplicity	6	8	6
24	Transparency	6	8	7
25	Trade-Offs	7	8	7
26	Visibility	7	7	8



B.4 Conclusion:

From our ratings, we have concluded that IBM CLOUD is the best website for cloud services. All the websites have followed the design principle amazingly, but IBM CLOUD has taken a lot more efforts considering first impression and accessibility. IBM CLOUD is better than Google cloud and Oracle.