Assignment. No.2

Semester	T.E. Semester V – Computer Engineering
Subject	Software Engineering
Subject Professor In-charge	Dr. Sachin Bojewar
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Assignment Number	2
Assignment Title	Assignment 2

1. List minimum 50 existing digital platforms (eg. Ola, Olx, etc)

1. Ola
2. Uber
3. Airbnb
4. Amazon
5. Facebook
6. Twitter
7. LinkedIn
8. Instagram
9. Netflix
10. YouTube
11. Google
12. WhatsApp
13. Snapchat
14. Pinterest
15. TikTok
16. Spotify
17. Zoom
18. Slack
19. Dropbox
20. GitHub
21. Trello
22. Microsoft Teams
23. Salesforce
24. Adobe Creative Cloud
25. Shopify
26. WordPress
27. eBay
28. PayPal
29. Reddit
30. Yelp
31. Zillow
32. IMDb
33. Expedia
34. Yelp

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35. Zillow
36. IMDb
37. Expedia
38. Grubhub
39. DoorDash
40. Coursera
41. Udemy
42. Khan Academy
43. ZoomInfo
44. Glassdoor
45. Monster
46. LinkedIn Learning
47. Coursera
48. Udacity
49. Oracle Cloud
50. IBM Cloud

2. Provide three examples of software projects that would be amenable to the incremental model. Be specific.

E-commerce Website Enhancement:

- An existing e-commerce platform like Amazon could use the incremental model to add new features gradually. For example, they might first introduce a recommendation system, then enhance the payment process, and later implement a chatbot for customer support.

b) **Mobile App Development:**

- Developing a mobile app can benefit from the incremental model. Initially, the app can offer core functionality, such as user registration and basic features. Subsequent increments can add more features like social sharing, offline mode, and advanced settings.

c) **Healthcare Information System Updates:**

- A healthcare information system can use the incremental model to incorporate updates. Initially, they may focus on improving patient records, and in later increments, they can introduce telemedicine capabilities and integration with wearable devices.

3. Read and write a single page write up (maximum 200 words) that discusses the impact of “chaos” on software engineering.

"Chaos" in software engineering refers to the inherent unpredictability and uncertainty that can arise during a project. It can stem from changing requirements, unexpected technical challenges, or miscommunication within the development team. This chaos can have significant impacts:
Chaos can lead to project delays and budget overruns as developers scramble to address unforeseen issues. It can also result in frustrated stakeholders and reduced customer satisfaction.
To mitigate chaos, agile methodologies like Scrum and Kanban emphasize adaptability, iterative development, and regular communication. These approaches help software engineers respond to changing requirements and maintain flexibility in the face of uncertainty.
In conclusion, chaos is an ever-present challenge in software engineering. However, adopting agile practices and maintaining open communication channels can help software engineers navigate the chaos, deliver successful projects, and meet customer expectations.