

**DAYANANDA SAGAR COLLEGE OF ARTS SCIENCE AND COMMERCE**  
 Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560082

Guest Lecturer  
 Software Engineering

Department: MCA

Date: 13-09-2024

Sl. No.	Particulars	Event related Details			
1.	Event	Guest Lecturer On Software Engineering			
2.	Title of the Event	Agile in the IT Industry: Driving Innovation and Adaptability			
3.	Date	11/9/2024			
4.	Time	9:45AM to 11:00AM			
5.	Venue	Seminar Hall, Building 17, DSCASC			
6.	Resource Person 1 &2 Details**	1.Prof Shravani B Surana Educational Institutions, Bangalore			
7.	Topics Covered	1.Agile in IT Industry 2.Srcum Agile 3. Azure Tool			
8.	Resource Person 3,4,5 &6 Details**	NA			
9.	Topics Covered	----			
10.	No. Faculty Participants	Internal:	5	External:	-
11.	No. Student Participants	Internal:	105	External:	-
12.	Faculty Coordinator/s	Name: Prof. Akshatha Deepak, Assistant Professor Name: Prof. Srivathsala, Assistant Professor  Department: Department of Computer Applications – MCA			
13.	Student Coordinator/s	Jashwanth M K- P03CJ23S126043 Sagar-P03CJ23S126087 II semester MCA 'A' & 'B' sections.			
14.	Total Expenditure	3000			
15.	Sponsors and Amount (if any)	---			
16.	Program Schedule of the Event attached?	Yes			

17.	Report uploaded on college website?	Yes
18.	Report sent to media? If yes, give details:	---
19.	Report uploaded in social media?	Yes
20.	Certificates Printed?	---
21.	Feedback Collected?	---
22.	Attendance Sheet Attached?	Yes
23.	Summary of the Event	Professor Shravani B detailed how Agile focuses on iterative progress, flexibility, and collaboration, which contrasts with traditional linear project management approaches. Scrum, a popular Agile framework, emphasizes breaking projects into manageable units called sprints, typically lasting two to four weeks. During these sprints, teams work on specific tasks from a prioritized list called the product backlog, holding daily stand-up meetings to discuss progress and obstacles. Professor Shravani also introduced various tools used to facilitate Agile processes, such as Azure, which help teams track progress and collaborate effectively. Professor Shravani facilitated a dynamic activity to bring Agile principles to life, demonstrating how iterative development and ongoing communication drive project success. Participants were split into small teams and given the task of managing a mini-project using Scrum
24.	Photographs of the Event	Yes

*Adi*  
Event Coordinator

*Kumudavalli*  
Deputy Director  
Dr. Kumudavalli M V M.Sc., M.Phil., Ph.D.  
Professor & Deputy Director  
Department of Computer Applications  
Dayananda Sagar College of Arts, Science & Commerce  
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*K. Gnani*  
13/09/24  
IQAC Coordinator

*[Signature]*  
Vice-Principal

*Babu*  
Principal

Principal  
Dayananda Sagar College of Arts, Science & Commerce  
Kumaraswamy Layout, Bangalore - 560 111



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Guest Lecturer  
Software Engineering



Pic(1): International Webinar brochure



Pic(2)-Student's participation in an activity



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Shavige Malleshwara Hills, Kumaraswamy Layout, Bangalore-560082  
**Guest Lecturer**  
**Software Engineering**



**Pic(3)- Student's participation in an activity**

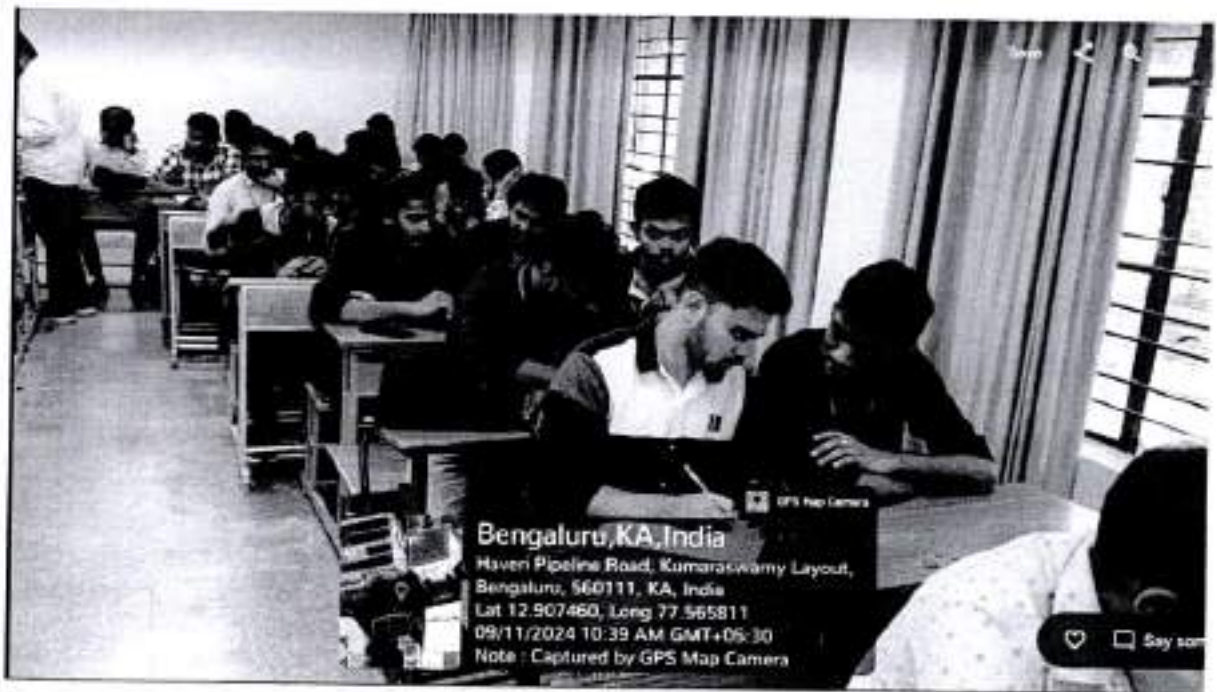


**Pic(4)- Student's participation in an activity**



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**Guest Lecturer**  
**Software Engineering**



**Pic(5)- Student's participation in an activity**



**AGILE IN IT INDUSTRY**  
**DRIVING INNOVATION AND ADAPTABILITY**  
**ACTIVITY SHEET**

TEAM MEMBERS:

- 1.
- 2.

**ACTIVITY 1 : SPRINT PLANNING**

**SAMPLE SCENARIO: DEVELOPING A MOBILE APP**

A company needs to develop a mobile app within 3 weeks. Plan a sprint, defining goals, tasks, and team roles.

**Sprint Goal:**

Develop a fully functional mobile app for iOS and Android within 3 weeks.

**Sprint Duration:**

3 weeks (21 days)

**Team Roles:**

1. Product Owner (PO): Responsible for defining and prioritizing product backlog items.
2. Scrum Master (SM): Facilitates the sprint and ensures the team follows Scrum principles.
3. Development Team:
  - 2 iOS Developers
  - 2 Android Developers
  - 1 UX/UI Designer
  - 1 Quality Assurance (QA) Engineer

**Sprint Tasks:**

**WEEK 1**

1. Define and prioritize product backlog items (3 days)
2. UX/UI Designer: Creating frames and mockups (3 days)
3. iOS and Android Developers: Set up development environments and create new projects - 2 days
4. Engineer: Create test cases and test plans (2 days)

**WEEK 2**

1. iOS and Android Developers:
  - Develop core features (e.g., login, dashboard, main functionality) (8 days)
  - Conduct unit testing and integration testing (2 days)
2. UX/UI Designer: Create high-hi-fi designs and iterate based on feedback (3 days)
3. Engineer: Execute test cases and report defects (3 days)

**WEEK 3**

1. iOS and Android Developers:
  - Develop additional features (e.g., settings, notifications) (4 days)
  - Conduct final testing and debugging (2 days)
2. Engineer: Execute final testing and report defects (2 days)
3. Review and approve the final product (1 day)

**SCENARIO: GROCERY DELIVERY MOBILE APP FOR A LOCAL STORE**



A local grocery store wants to develop a mobile app within 3 weeks to allow customers to place orders for home delivery. The app should include a simple product catalog, a shopping cart, and order tracking.

Plan a sprint, defining goals, tasks, and team roles.

**Sprint Goal:**

**Sprint Duration:**

**Team Roles:**

- 1.
- 2.
3. Development Team:

**Sprint Tasks:**

WEEK 1

WEEK 2

WEEK 3

1.

2.

**ACTIVITY 2 : USER STORY CREATION****SAMPLE:USER STORY CREATION- E-Commerce Website for a Fashion Retailer**

A fashion retailer wants to develop an e-commerce website to sell clothing, shoes, and accessories online. The website should allow customers to browse products, view detailed descriptions, make purchases, and track orders. The company also wants to allow customers to create accounts for faster checkout and personalized recommendations

**Prioritization Breakdown:**

- **High Priority:** Core functionality required for the website to function as an e-commerce platform (e.g., product browsing, search, shopping cart, secure checkout, admin management).
- **Medium Priority:** Features that enhance user experience but are not critical for initial functionality (e.g., account creation, order tracking, email confirmations).
- **Low Priority:** Additional features that can be added later to improve engagement and personalization (e.g., product reviews, personalized recommendations)

**User Stories:****1. As a customer: WITH HIGH PRIORITY**

- I want to browse products by category (e.g., clothing, shoes, accessories), so that I can find items that interest me
- I want to view detailed product descriptions (size, color, material, price), so that I can make an informed purchasing decision
- I want to add items to my shopping cart, so I can purchase multiple items at once.

**2. As a customer: WITH MEDIUM PRIORITY**

- As a customer, I want to receive an email confirmation after my purchase, so I have proof of my order.
- I want to track the status of my order, so I know when to expect my delivery.

**3. As a customer: WITH LOW PRIORITY**

- I want to leave reviews for products I've purchased, so I can help other customers with their decisions.
- I want personalized product recommendations based on my browsing and purchase history, so I can discover items that match my style.

**4. As an admin: WITH HIGH PRIORITY**

- I want to update product inventory and availability, so the website reflects current stock levels.
- I want to view and manage customer orders, so I can ensure timely fulfillment and resolve any issues.





## **USER STORY CREATION for Scenario : E-Commerce Website for a Bookstore**

A bookstore wants to launch an e-commerce site that allows customers to purchase physical books and e-books. It should include a book search, genre filters, and recommendations based on past purchases.

### **Prioritization Breakdown:**

- **High Priority:**

- **Medium Priority:**

- **Low Priority:**

### **User Stories:**

1. **As a customer: WITH HIGH PRIORITY**

2. **As a customer: WITH MEDIUM PRIORITY**

3. **As a customer: WITH LOW PRIORITY**

4. **As an admin: WITH HIGH PRIORITY**

DAYANANDA SAGAR COLLEGE OF ARTS, SCIENCE AND COMMERCE  
 Department of Computer Applications - MCA  
 Guest Lecture on Software Engineering  
 Topic: "Agile in the IT Industry: Driving Innovation and Adaptability"

Date: 11.09.2024

9:45-10

Course: MCA II Semester

SL. NO.	REG. NO.	STUDENTS NAME	SIGNATURE
1.	P03CJ23S126030	Eshika Bajpai	<i>Eshika Bajpai</i>
2.	P03CJ23S126009	Ankita Shiwani	Ankita
3.	P03CJ23S126085	Rudraksh Khatroi	Rudraksh
4.	P03CJ23S126087	Sagar	Sagar
5.	P03CJ23S126044	Kalanjali nekar	<del>Kalanjali</del>
6.	P03CJ23S1260110	<del>Vanshi</del> <i>Gishma</i>	<del>Vanshi</del> <i>Gishma</i>
7.	P03CJ23S126024	S Abishck	S Abishck
8.	P03CJ23S126056	S. Munirajan	S. Munirajan
9.	P03CJ23S126038	Gokul Sasidharan	Gokul
10.	P03CJ23S126116	Nicham	Nicham
11.	P03CJ23S126063	Neethu A.S	Neethu
12.	P03CJ23S126069	Pooja M	Pooja
13.	P03CJ23S126006	Miya Lalban	Miya
14.	P03CJ23S126003	Achal Vijay Navale	Achal
15.	P03CJ23S126008	Anitha. K.N	Anitha.K.N
16.	P03CJ23S126041	Hrushidha - S	Hrushidha. S
17.	P03CJ23S126007	Annulya. M	Annulya
18.	P03CJ23S126028	Dheeraj. L.K.	Dheeraj
19.	P03CJ23S126052	Mahesh. D	Mahesh
20.	P03CJ23S126054	E. Shanmuka	E. Shanmuka
21.	P03CJ23S126023	Dhanush. SE	Dhanush
22.	P03CJ23S126051	Madhusudhan J	Madhusudhan
23.	P03CJ23S126033	Ashish Kumar. R	Ashish. R
24.	P03CJ23S126043	Jaywanth. M.K	Jaywanth. M.K
25.	P03CJ23S126027	ASHOK G.M	ASHOK
26.	P03CJ23S126016	Chandras Gowda	Chandras
27.	P03CJ23S126060	Navaneeth	Navaneeth
28.	P03CJ23S126020	Deepak TA	Deepak TA



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29	P03CJ23S126049	Lokith. M. Singapur	
30	P03CJ23S126037	Ganesh prasad. N.S	
31	P03CJ23S126022	Dewaraju. V	
32	P03CJ23S126025	Ankith. M.R	
34	P03CJ23S126103	Sundrakes	
35	P03CJ23S126090	Sanjay Kumar TSG	
36	P03CJ23S126017	Deepa. K	
37	P03CJ23S126111	Vareem Kumar. J.R.	
38	P03CJ23S126078	Rakesh. P	
39	P03CJ23S126071	Prasanna HN	
40	P03CJ23S126089	Sanjay J. B	
41	P03CJ23S126112	Vijay Kumar. A.N	
42	P03CJ23S126088	Sandeep. O	
43	P03CJ23S126077	Rakesh mutnal	
44	P03CJ23S126083	ROHAN. H.K	
45	P03CJ23S126099	SKANDA BARDHWAJ. MK	
46	P03CJ23S126014	Bhargava. M.N	
47	P03CJ23S126100	Suhail. T	
48	P03CJ23S126005	Akash	
49	P03CJ23S126048	Kushal B.L	
50	P03CJ23S126046	Keerthi. N	
51	P03CJ23S126011	Basavaraja P.P	
52	P03CJ23S126039	Gurunath. Muttappa. Kitagori	
53	P03CJ23S126114	Yashas	
54	P03CJ23S126115	Santosh P	
55	P03CJ23S126055	Manoj. Fulkarni	
56	P03CJ23S126090	Shivam Raj	
57	P03CJ23S126076	Rajeshi Datta	
58	P03CJ23S126118	Sushil Gupta	
59	P03CJ23S126094	SHAMBHU KUMAR	



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70	P03CT23S126091	Santu Forey	Santuforey.
71	P03CT23S126059	G. Bhaskar	G. Bhaskar
72	P03CT23S126106	Syed Suhail Pasha M	Suhail
73	P03CT23S126095	Shashank C	Shashank
74	P03CT23S126062	Nagaraj.k	Nagaraj.k
75	P03CT23S126097	Shaikant. Huchannavar	Shaikant
76	P03CT23S126065	Pateerappa.G	Pateerappa.G
77	P03CT23S126092	SARASWATHI.D	Saraswathi.D
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79	P03CT23S126073	Rahima	Rahima
80	P03CT23S126093	Shalini. S.K	Shalini. S.K
81	P03CT23S126080	Rakshitha. BT	Rakshitha
82	P03CT23S126086	Sadhana Subbannavar	Sadhana
83	P03CT23S126064	Nikhita. M. chalageri	Nikhita
84	P03CT23S126113	Yamuna CB	Yamuna
85	P03CT23S126021	Deepika. B	Deepika.B
86	P03CT23S126042	Harshitha. V	Harshitha.V
87	P03CT23S126045	Keerthana. k	Keerthana.k
88	P03CT23S126081	Rakshitha CU	Rakshitha.CU
89	P03CT23S126017	chandana. T.V	chandana
90	P03CT23S126053	Manoj. C	Manoj.C
91	P03CT23S126032	Adarsh. S	Adarsh.S
92	P03CT23S126047	Kishore Menon. A	Kishore Menon
93	P03CT23S126034	Gagan HN	Gagan
94	P03CT23S126010	Ankitha. C.R	Ankitha
95	P03CT23S126098	Sivellu H.K	Sivellu
96	P03CT23S126068	Nithya Shree. J	Nithya
97	P03CT23S126108	Vaishnavi. S	Vaishnavi
98	P03CT23S126072	R M Anusha	R M Anusha

99	P03CT23S126013	Bharati Bhat	Bharati Bhat
100	P03CT23S126057	Shilpa. K.S	Shilpa.K.S
101	P03CT23S126050	Madhu N.	Madhu
109	P03CT23S126109	Vaishnavi. Sinnur	Vaishnavi
102	P03CT23S126102	Supriya. K	Supriya
105	P03CT23S126075	Rajalakshmi. R	Rajalakshmi.R



No	Particulars
1	Event
2	Title of the Event

Event related Details  
 Guest Lecture on Software Engineering  
 Agile in the IT Industry, Driving Innovation and Adaptability

Feedback

The guest lecture offered great insights into software engineering, striking a good balance between advanced concepts and their relevance to the industry. The speaker broke down complex ideas in a way that was easy to follow, using real-world examples to make the material more relatable. Overall, the lecture was insightful and effectively connected theory with practical industry applications.

1. Kalarjahi, Nekar
2. Abhishek. S
3. Rohit. R. D
4. Raunak
5. Naveen Sharma

- PO3CJ23S126044
- PO3CJ23S126024
- PO3CJ23S126084
- PO3CJ23S126082
- PO3CJ23S126061



① Rohit R. Desai -

The lecture content was well structured making it easy to follow key concept.

② Naureem Sharma -

Real world example helped me in understanding the concepts of the subject.

③ Raunak -

This discussion on agile principles and Scrum framework helped to clarify the benefit of iterative development.