



# Jansons Institute of Technology

Karumathampatti, Coimbatore – 641 659

## Report

<b>Name of the Program / Activity / Event / Others</b>	<b>On-demand Grocery App Development</b>
<b>Date &amp; No. of days</b>	08-03-2022 & 1 Day (03.00 PM – 04.00 PM)
<b>Organized by</b>	Department of Computer Science and Engineering
<b>In association with</b>	Andrios CLUB
<b>Venue</b>	Online
<b>Participants/ Beneficiaries</b>	Students
<b>Event brief (500 words with photo):</b> <p>The Online Seminar on “<b>On-demand Grocery App Development</b>” was conducted by the Department of Computer Science and Engineering in association with Andrios Club on 08.03.2022 via Online. The Knowledge sharing Program was designed for students to enhance their knowledge towards developing an Android mobile application. In this, a detailed way for creating an Andriod Application using XML and java was explained to the members of the club by our final year student “K.Giri Pragadeesh”. 90 internal participants (Students) had an effective knowledge sharing session.</p> <p>The students were clarified about how to,</p> <ul style="list-style-type: none"><li>✓ Create a Grocery App in a step by step procedure</li><li>✓ Phase 1: Designing of a Grocery List App</li><li>✓ Creation of XML Code 1: The Grocery List</li><li>✓ Creation of XML Code 2: List Item</li><li>✓ Creation of XML Code 3: Add Item Screen</li><li>✓ Phase 2: Java code for the SQLite Database</li></ul>	
<b>Outcomes</b>	Students gained knowledge about how to create a <b>Grocery Application</b> in Android Studio.



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## Feedback

The session ended with very positive feedback from the participants' who in the feedback session expressed their sincere thanks for organizing an effective knowledge sharing program and also expressed their gratitude to the college Management for providing this opportunity.

The screenshot shows a Zoom meeting interface. On the left, there is a public chat window with messages from participants like Selva lakshana.B, GUNASEKHAR C, Swetha.k, Sumathi.A.S., Manju, Najreen, Kavinita, and Selva lakshana.B. The main window displays a slide titled "Seminar on 'On-Demand Grocery App Development', Andrios Club ...". The slide content includes the Jansons Institute of Technology logo, the text "Andrios Club organizes Seminar on 'On-demand Grocery App Development'", the resource person "K.Giri Pragadeesh Final Year - CSE", the date "08.03.2022", the time "3:00 PM - 4:00 PM", and a QR code. The Zoom control bar at the bottom shows the time as 15:07 on 08-03-2022.

The screenshot shows a Zoom meeting interface, similar to the one above. The public chat on the left shows messages from Selva lakshana.B, GUNASEKHAR C, Swetha.k, Sumathi.A.S., Manju, Najreen (offline), Kavinita, and Selva lakshana.B. The main window displays a slide titled "Seminar on 'On-Demand Grocery App Development', Andrios Club ...". The slide content is the same as in the previous screenshot. The Zoom control bar at the bottom shows the time as 15:16 on 08-03-2022.





Proposal to conduct Andrios C | x JIT eEDU - Seminar on "On-Dem... BBB - JIT Cloud

WAMP SERVER

MESSAGES

Public Chat

NOTES

Shared Notes

USERS (58)

Sandhya A Mobile | Guest

Santhosh Guest

SANTHOSH KUMAR Guest

Saran Guest

Saran Kirthic Guest

Saravanan Guest

Selva lakshana.B Mobile | Guest

Somyiya Guest

SRIMIRNALINI.B

Public Chat

Se Selva lakshana.B 3:03 PM  
Gud afternoon mam

GUNASEKHAR C 3:03 PM  
Good afternoon !!

Sw Swetha.k (offline) 3:04 PM  
Gud aftmun \*sir

Su Sumathi.A.S. 3:04 PM  
Good afternoon \*Sir

Ma Manju (offline) 3:04 PM  
Good afternoon sir...

Na Najreen (offline) 3:04 PM  
Good afternoon sir

Ka Kavinila 3:04 PM  
Good afternoon sir

Se Selva lakshana.B 3:04 PM  
Good afternoon sir

Send message to Public Chat

Seminar on "On-Demand Grocery App Development", Andrios Club \_0...

Giri Pragadheesh K

BACKEND

Database

SQL(MySql)

Non-SQL(MongoDb, MariaDB)

15:20 08-03-2022

Proposal to conduct Andrios C | x JIT eEDU - Seminar on "On-Dem... BBB - JIT Cloud

WAMP SERVER

MESSAGES

Public Chat

NOTES

Shared Notes

USERS (71)

Riyan Guest

Riyas Guest

Rohit Guest

Rohith Antony S A Mobile | Guest

Roopa AP/CSE Mobile | Guest

Salman Guest

Sandhya A Mobile | Guest

SANJAAY Guest

Santhosh

Public Chat

Se Selva Lakshana.B (offline) 3:03 PM  
Gud afternoon mam

GUNASEKHAR C 3:03 PM  
Good afternoon !!

Sw Swetha.k 3:04 PM  
Gud aftmun \*sir

Su Sumathi.A.S. (offline) 3:04 PM  
Good afternoon \*Sir

Ma Manju (offline) 3:04 PM  
Good afternoon sir...

Na Najreen (offline) 3:04 PM  
Good afternoon sir

Ka Kavinila 3:04 PM  
Good afternoon sir

Se Selva Lakshana.B (offline) 3:04 PM  
Good afternoon sir

Send message to Public Chat

Seminar on "On-Demand Grocery App Development", Andrios Club \_0...

Giri Pragadheesh K

DB INTEGRATION

```

    @RequestMapping(value = "/api/insert", method = RequestMethod.POST)
    public ResponseEntity<String> insert(@RequestBody Grocery grocery) {
        try {
            // Insert into MySQL database
            String sql = "INSERT INTO grocery (name, price, quantity) VALUES (?, ?, ?)";
            PreparedStatement stmt = connection.prepareStatement(sql);
            stmt.setString(1, grocery.getName());
            stmt.setDouble(2, grocery.getPrice());
            stmt.setInt(3, grocery.getQuantity());
            stmt.executeUpdate();

            // Insert into MongoDB database
            MongoClient mongoClient = new MongoClient("mongodb://localhost:27020");
            MongoDatabase database = mongoClient.getDatabase("grocery");
            MongoCollection<Document> collection = database.getCollection("grocery");
            Document document = new Document("name", grocery.getName(), "price", grocery.getPrice(), "quantity", grocery.getQuantity());
            collection.insertOne(document);

            return ResponseEntity.ok("Data inserted successfully");
        } catch (Exception e) {
            return ResponseEntity.status(HttpStatus.INTERNAL_SERVER_ERROR).body("Error: " + e.getMessage());
        }
    }

    @RequestMapping(value = "/api/get", method = RequestMethod.GET)
    public ResponseEntity<List<Grocery>> getAllGroceries() {
        try {
            // Query MySQL database
            String sql = "SELECT * FROM grocery";
            PreparedStatement stmt = connection.prepareStatement(sql);
            ResultSet rs = stmt.executeQuery();

            // Query MongoDB database
            MongoClient mongoClient = new MongoClient("mongodb://localhost:27020");
            MongoDatabase database = mongoClient.getDatabase("grocery");
            MongoCollection<Document> collection = database.getCollection("grocery");
            List<Document> documents = collection.find().toArray();

            List<Grocery> groceries = new ArrayList<>();
            while (rs.next()) {
                groceries.add(new Grocery(rs.getString("name"), rs.getDouble("price"), rs.getInt("quantity")));
            }
            for (Document doc : documents) {
                groceries.add(new Grocery(doc.getString("name"), doc.getDouble("price"), doc.getInt("quantity")));
            }

            return ResponseEntity.ok(groceries);
        } catch (Exception e) {
            return ResponseEntity.status(HttpStatus.INTERNAL_SERVER_ERROR).body("Error: " + e.getMessage());
        }
    }
    
```

15:23 08-03-2022







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**Suggestions  
/ Future  
actions**

NIL