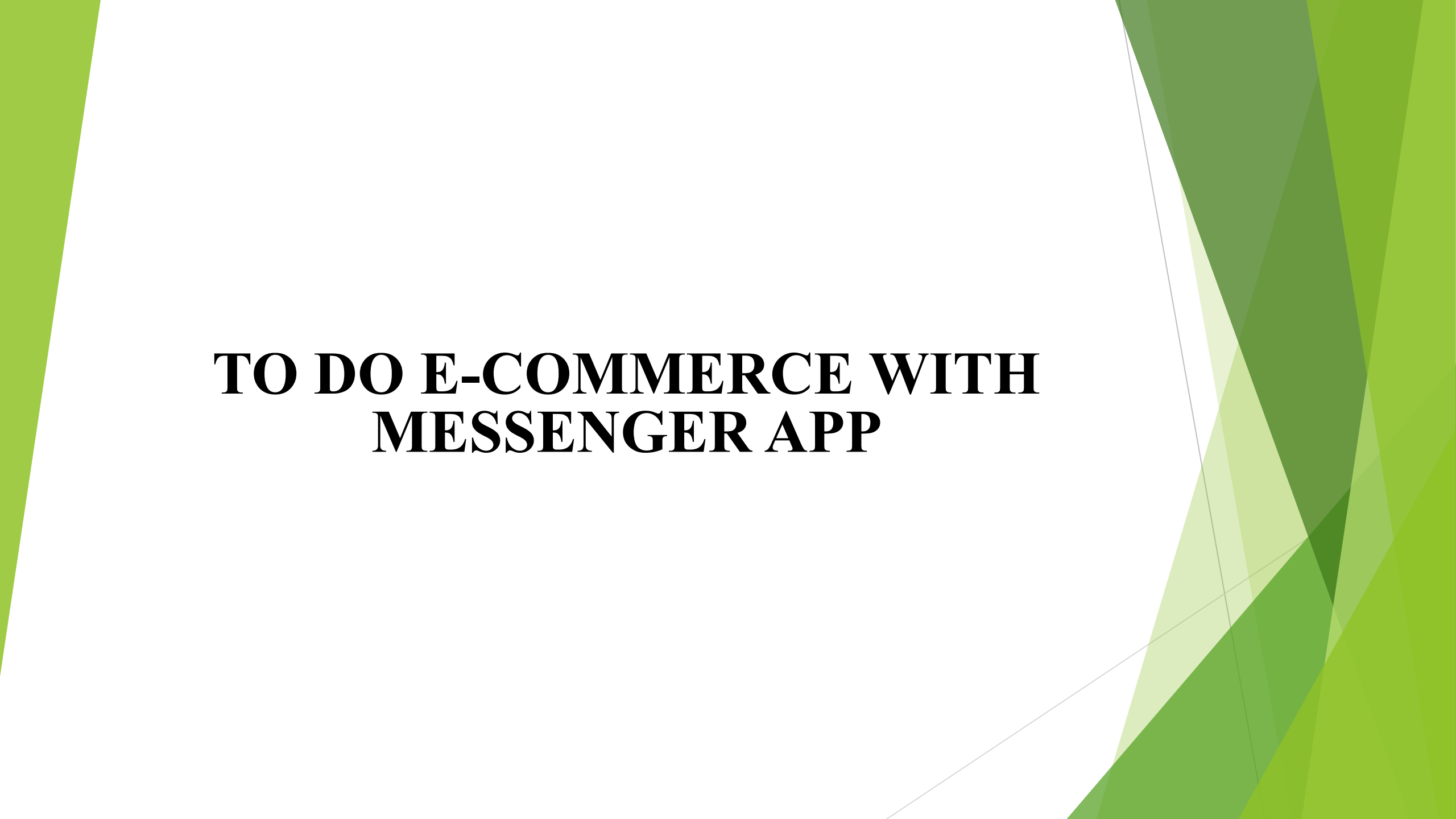


The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

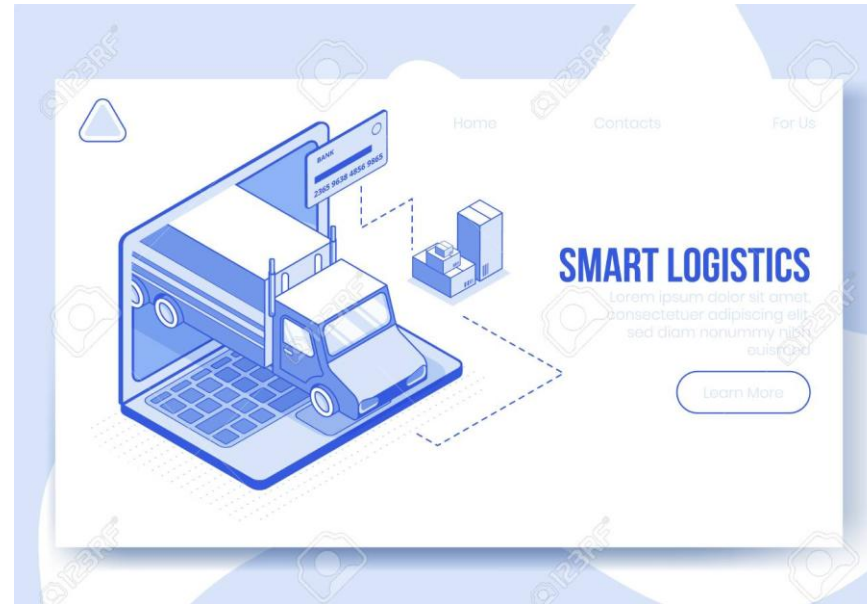
TO DO E-COMMERCE WITH MESSENGER APP

INTRODUCTION

- ▶ In recent years, e-commerce has grown significantly and quickly surpassed previous online purchasing methods in terms of popularity.
- ▶ Messaging software has become an essential instrument for business-to-business communication as more and more clients conduct business online.
- ▶ The purpose of this study is to gain insight into how important parameters like the rate of conversion and customer engagement are affected when a messaging platform is integrated into an e-commerce website.
- ▶ The objective is to recognize the center functionalities, security prerequisites, and client experience assumptions.

LITERATURE REVIEW

- ▶ The domain of online business has gone through significant changes, prodded by progressions in innovation and moving shopper inclinations.
- ▶ In this unique situation, the coordination of courier applications inside internet business applications arises as an essential drive to improve client commitment and smooth out correspondence among organizations and customers.
- ▶ This writing survey digs into the complexities of fostering a web based business application with a courier application, with a particular spotlight on utilizing the capacities of Java NetBeans.



CONTD...



- ▶ The components of electronic business have grown basically all through the long haul, with a conspicuous complement on giving steady and modified client experiences.
- ▶ Most recent things in the business wrap viewpoints like man-made awareness driven recommendations, responsive arrangement for phones, and raised presumptions for client personalization.
- ▶ Such examples feature the fundamental for online business applications to change as well as advance to meet the creating necessities of taught purchasers (Li et al. 2021).

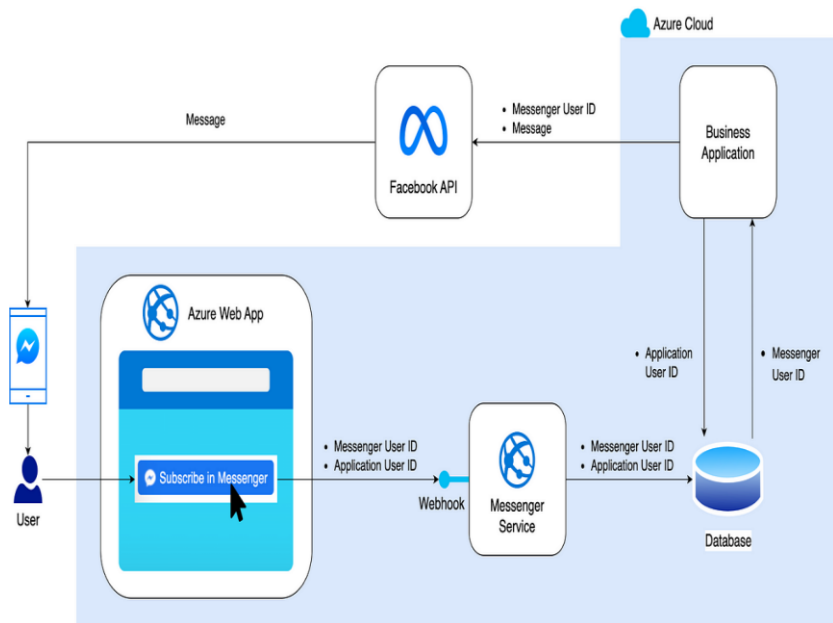
CONTD...

- ▶ Regardless of the turn of events and endless gathering of online business, traditional stages experience troubles associated with client experience, adaptability, and adaptability.
- ▶ These hardships are intensified even with rapidly changing buyer presumptions and mechanical movements.
- ▶ The premium for imaginative plans in web-based business improvement is thus controlled by the requirement for associations to beat these hindrances and stay relentless in a novel market.



BUSINESS STRATEGY

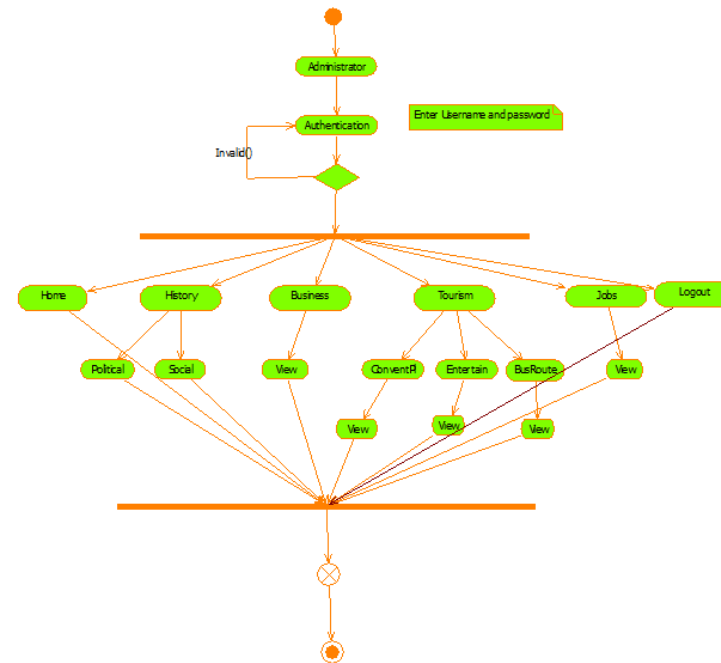
CONTD...



- ▶ The occupation of messenger applications in current correspondence is huge. Integrating these applications into online business stages offers a quick and progressing channel for associations to attract with their group.
- ▶ Clients can get some information about things, get ideas, and make purchases impeccably, all inside the conspicuous association point of a messenger application.
- ▶ This blend further develops client experience as well as opens up new streets for client business association (Ikumoro and Jawad, 2019).

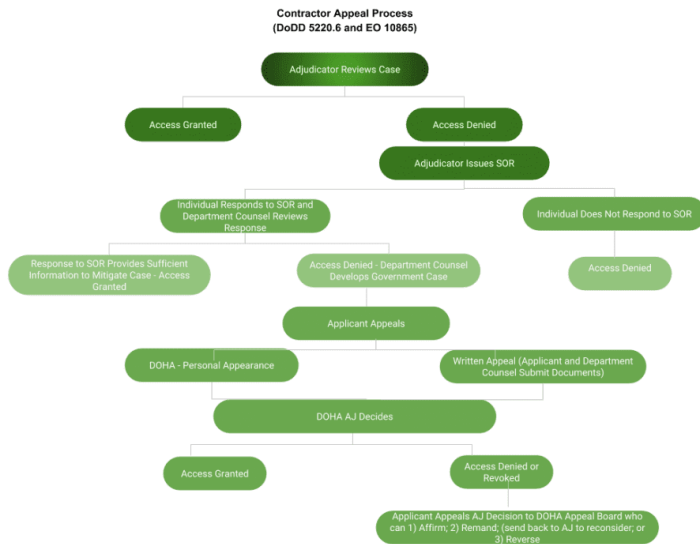
CONTD...

- ▶ Java NetBeans stands separated as an adaptable and solid integrated improvement environment for Java applications.
- ▶ Its features, for instance, worked on GUI plan and expansive libraries, make it proper for making versatile and useful web business applications.
- ▶ Through examining context oriented examinations and models, clearly Java NetBeans has been really used in various web-based business projects, showing its relevance and amplexness here.



CONTD...

- ▶ Security remains an essential concern in electronic business trades.
- ▶ Organizing messenger applications adds another layer of mind boggling plan, requiring extreme activities to protect client data and trade information.
- ▶ Dispatch applications every now and again complete beginning to end encryption and secure really check shows out.



METHODOLOGY

- ▶ The underlying stage includes conceptualizing the coordinated arrangement and arranging the improvement cycle.
- ▶ This incorporates characterizing the degree, targets, and highlights of the internet business application and courier combination.
- ▶ Partner prerequisites are assembled, and a thorough undertaking plan is laid out.
- ▶ Key choices, like the decision of Java NetBeans as the advancement stage and the determination of fundamental highlights, are made during this stage.



CONTD...



- ▶ The framework engineering and configuration stage center around making a plan for the incorporated arrangement.
- ▶ It incorporates characterizing the general design, parts, and communications between the online business and courier modules.
- ▶ Java NetBeans' capacities are utilized to make a particular and versatile design.
- ▶ Definite plan records, including UI wireframes, information base blueprints, and cooperation graphs, are made to direct the advancement interaction.

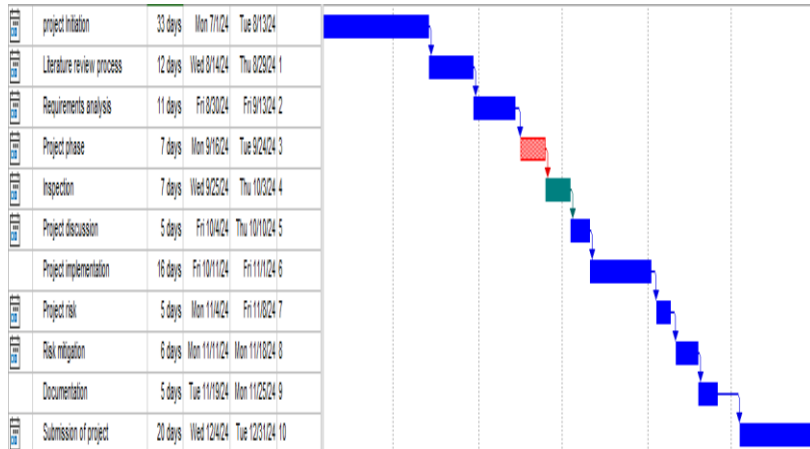
CONTD...

- ▶ Prior to jumping into advancement, the improvement climate is set up.
- ▶ Java NetBeans is introduced and arranged with the important modules and libraries.
- ▶ The data set administration framework is chosen, and associations are laid out.
- ▶ Adaptation control frameworks, like Git, might be incorporated to oversee code changes really.



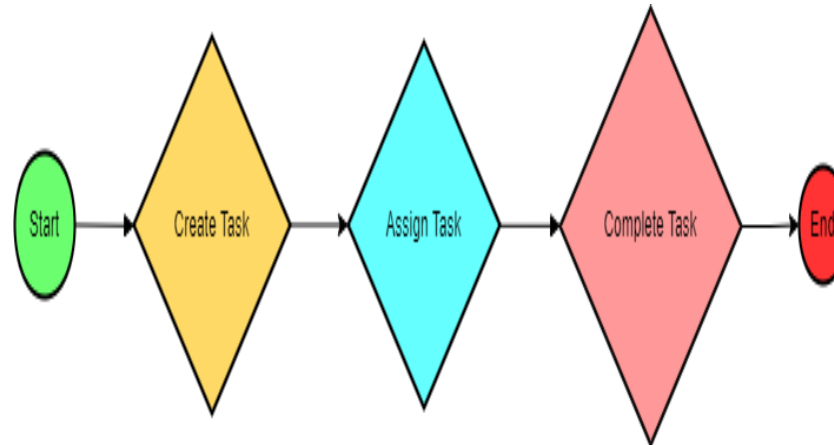
CONTD...

- ▶ The execution stage starts with coding the center online business functionalities.
- ▶ Utilizing Java NetBeans and Java EE, engineers make modules for item index the board, client verification, shopping basket usefulness, and secure installment handling.
- ▶ Object-Social Planning (ORM) apparatuses are utilized for productive data set connections.
- ▶ Ordinary code surveys and cooperation inside the advancement group guarantee code quality and consistency.



CONTD...

- ▶ With a distinct design and models set up, the exploration interaction changes to coding and execution.
- ▶ Java NetBeans gives a far reaching coding climate, working with the interpretation of plan ideas into utilitarian code.
- ▶ The internet business functionalities, including item list the board and secure checkout processes, are coded close by the execution of ongoing informing highlights utilizing WebSocket conventions.



RESULT

- ▶ The investigation of advances, especially Java NetBeans as the improvement stage, exhibited its hearty abilities.
- ▶ Java NetBeans offered an element rich coordinated improvement climate (IDE) with complete instruments for Java application advancement (Illescas-Manzano et al. 2021).
- ▶ The help for Java EE guaranteed adaptability, making it appropriate for building complex internet business frameworks.

```
public class Home_page extends javax.swing.JFrame {  
    public Home_page() {  
        initComponents();  
    }  
    @SuppressWarnings("unchecked")  
    Generated Code  
  
    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
        My_project ib=new My_project();  
        ib.setVisible(b: true);  
        this.setVisible(b: false);  
    }  
  
    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {  
        Portfolio ib=new Portfolio();  
        ib.setVisible(b: true);  
        this.setVisible(b: false);  
    }  
  
    public static void main(String args[]) {  
        /* Set the Nimbus look and feel */  
        Look and feel setting code (optional)  
        java.awt.EventQueue.invokeLater(() -> {  
            new Home_page().setVisible(b: true);  
        });  
    }  
}
```

CONTD...

- ▶ The framework engineering configuration stage brought about an obvious outline for the incorporated arrangement.
- ▶ The design underlined measured quality, versatility, and consistent combination between the web based business and courier parts.
- ▶ Java NetBeans' help for conveyed figuring was utilized to plan a framework equipped for taking care of a developing client base.

```
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import javax.swing.JOptionPane;
import java.text.SimpleDateFormat;

public class My_project extends javax.swing.JFrame {

    Connection con;
    Statement stmt;
    ResultSet rs;
    String query;

    public My_project() {
        SimpleDateFormat simpleDateFormat = new SimpleDateFormat(pattern:"dd-MM-yyyy");
        initComponents();
    }

    @SuppressWarnings("unchecked")
```

CONTD...

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {  
    Home_page mn=new Home_page();  
    mn.setVisible(b: true);  
    this.setVisible(b: false);  
}
```

```
private void onCreate(java.awt.event.WindowEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
    Home_page mn=new Home_page();  
    mn.setVisible(b: true);  
    this.setVisible(b: false);  
}
```

- ▶ The coding and execution stage made an interpretation of plan ideas into utilitarian code.
- ▶ Java NetBeans' coding climate worked with a smoothed out improvement process (Raharja et al. 2019).
- ▶ The online business functionalities, including item list the board and secure checkout processes, were effectively executed.

EVALUATION AND CONCLUSION

- ▶ All in all, this study dove into the scene of online business, looking at its movement, challenges inside traditional online stages, and the job of Java NetBeans in propelling web-based business advancement.
- ▶ The investigation of the internet-based business scene featured the latest things, development examples, and significant industry players.
- ▶ The examination of difficulties in standard web-based e-commerce platforms revealed critical issues like scalability issues and security flaws.



CONTD...



- ▶ Basic assessment includes an intensive assessment and investigation of a subject, taking into account its assets, shortcomings, and suggestions.
- ▶ With regards to the exploration on Java NetBeans for online business movement, a few key perspectives merit basic assessment.
- ▶ All in all, the exploration gives an important commitment to figuring out the convergence of Java NetBeans and online business.

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*Thank
You!*