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DARSHAN INSTITUTE OF ENGINEERING & TECHNOLOGY

Semester 3rd | Practical Assignment | Project Management Tools (2305CS322)

Date: 14/09/2025

Lab Practical #13:

Develop a communication management plan for a project.

Practical Assignment #13:

Identify project stakeholders and their communication needs. Create a communication matrix outlining methods and frequency of communication. Document a communication management plan. Use Google Sheets for communication matrix, Google Docs for the plan.

Description:

Step 1: Identifying Project Stakeholders

- Project Sponsor (Client/Investor): Provides funding and strategic direction.
- Project Manager: Manages project execution, timelines, and budget.
- Development Team: Responsible for coding, testing, and deployment.
- UI/UX Designers: Ensure an easy-to-use courier booking and tracking system.
- Operations/Logistics Staff: Handle courier dispatch, delivery, and daily operations.
- End Users (Customers): Individuals or businesses using the courier service.
- Vendors/Third-Party Providers: Payment gateways, SMS/email notification providers.
- Business Analysts: Gather requirements and track changes.
- Senior Management: Oversee project alignment with business strategy.

Step 2: Creating the Communication Matrix

Stakeholder	Information Required	Method of Communication	Frequency	Owner
Project Sponsor	Project status, cost, key decisions	Email, Monthly Reports, Meetings	Monthly / Ad- hoc	Project Manager
Project Manager	Daily updates, risks, budget tracking	Stand-ups, Email, Dashboards	Daily	Self
Development	Task assignments, bug	Jira/Trello, Weekly	Weekly / As-	Project
Team	reports, progress	Meetings	needed	Manager
UI/UX Designers	Feedback on designs, customer experience	Figma, Review Meetings, Email	Bi-weekly	Project Manager
Operations Staff	Dispatch updates, delivery tracking issues	Internal Portal, WhatsApp/Email	Daily	Operations Lead
End Users	Courier status, delivery notifications	Mobile App, Email/SMS Notifications	Real-time / Monthly	Customer Support

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Vendors/Third-	Payment updates, service	Email, Contract Meetings	Monthly /	Project
Party	integration issues		Milestone	Manager
Business	Requirement updates,	Email, Meetings	Weekly	Project
Analysts	customer feedback			Manager
Senior	Overall project progress,	Executive Reports, Email	Monthly	Project
Management	ROI			Manager

3. Communication Methods

- Email & Reports: For formal updates and approvals.
- Meetings (Virtual & In-person): For discussions, planning, and issue resolution.
- Collaboration Tools (Jira/Trello, Figma, Slack): For tracking tasks and feedback.
- Real-time Notifications (App, SMS, Email): For end-user courier updates.

4. Communication Frequency

- Daily Stand-ups: Development & Operations teams.
- Weekly Review Meetings: Development progress & logistics updates.
- Monthly Reports: Shared with sponsor and senior management.
- Real-time Alerts: Customers receive courier tracking updates instantly.

5. Feedback Mechanisms

- Surveys: Post-launch customer satisfaction surveys.
- Meetings & Reports: Stakeholders share feedback in reviews.
- Helpdesk/Support: Customers provide feedback via app support chat/email.

6. Escalation Process

- Issues first reported to Project Manager.
- If unresolved, escalated to Senior Management.
- Critical operational issues resolved via ad-hoc emergency meetings.