

# Team Contribution Report

Generated: 2025-01-12

Project: Resep Bunda React Native

Assessment Period: 2024-12-19 - 2025-01-12

## Executive Summary

Team Members Assessed: 9

Assessment Categories: Git Commits, WBS Tasks, WhatsApp Activity, Subjective Factors

### Contribution Distribution:

Rank	Developer	Total Score	Tier
1	Lutfi Zain	89.8	Excellent
2	Syahrul Ramadhan	84.6	Strong
3	Zikri Firmansyah	72.4	Strong
4	Vointra Namara Fidelito	61.8	Solid
5	Deni Hermawan	58.2	Solid
6	Jumanta	53.5	Developing
7	R. Purba Kusuma	48.7	Developing
8	Muhammad Syahid Azhar Azizi	35.1	Developing
9	Dyo Aristo	28.3	Developing

### Key Insights:

- Lutfi Zain** demonstrates exceptional leadership as Project Manager & QA, combining high Git activity with comprehensive task management
- Syahrul Ramadhan** shows strong foundational contributions as project initiator with the highest commit count

- **Zikri Firmansyah** delivers solid execution with excellent task completion rate
- Three developers (Dyo Aristo, Muhammad Syahid Azhar Azizi, and partially others) have significant pending tasks requiring attention
- WhatsApp activity correlates strongly with overall contribution levels, indicating good team communication

## Methodology

### Data Sources

1. **Git Commits:** Full commit history analyzed via

```
git log --all --format="%H|%an|%ae|%ad|%s" --date=short
```

2. **WBS Task Completion:** Task completion data from docs/product\_documents/WBS.csv

3. **WhatsApp Activity:** Message count and participation from whatsapp-group-chat-activity.csv

4. **Subjective Assessment:** Qualitative evaluation based on role responsibilities and observed contributions

### Scoring Formula

Total Score = (Git Score x 30%) + (WBS Score x 30%) + (WhatsApp Score x 15%) + (Subjective Score x 25%)

### Scoring Weights

- **Git Commits (30%):** Commit count, quality of commit messages, code impact
- **WBS Tasks (30%):** Tasks completed, priority weighting, estimated hours
- **WhatsApp Activity (15%):** Message count, helpful responses, participation quality
- **Subjective Factors (25%):** Leadership, code quality, helpfulness, initiative, communication, problem-solving

# Individual Developer Breakdowns

## #1 - Lutfi Zain (Project Manager & QA)

**Total Score:** 89.8/100

**Overall Tier:** Excellent

### Score Breakdown:

Category	Score	Weight	Weighted Score	Notes
Git Commits	95/100	30%	28.5	21 commits, meaningful messages, high impact
WBS Tasks	92/100	30%	27.6	8 QA tasks completed, strong leadership
WhatsApp	100/100	15%	15.0	363 messages - most active communicator
Subjective	82/100	25%	20.5	Strong leadership and coordination
<b>TOTAL</b>			<b>89.8/100</b>	

### Detailed Analysis:

#### Git Contributions (95/100):

- **Commits:** 21 commits (rank #1 of team, combining lutfi.zain and Lutfi Zain)
- **Commit Quality:** 90% meaningful messages with detailed descriptions
- **Code Impact:** High - project setup, documentation, code review automation, EAS configuration
- **Key Contributions:**
  - Comprehensive React Native code reviewer agent
  - Project documentation and design guidelines
  - Profile enhancement and UI improvements
  - Image upload implementation
  - Changelog and review documentation

#### WBS Task Completion (92/100):

- **Tasks Completed:** 8 of 12 assigned (67% completion rate)

- **Priority Impact:** 6 P0 tasks, 2 P1 tasks
- **Total Hours:** 20 estimated hours completed
- **Key Achievements:**

- Test plan & environment setup (Q.1)
- Login screen testing (Q.2)
- Home screen testing (Q.3)
- Recipe detail testing (Q.4)
- My recipes testing (Q.5)
- Profile testing (Q.8)
- Logout implementation (7.3)
- Bug reporting & retesting (Q.11)

### **WhatsApp Activity (100/100):**

- **Message Count:** 363 messages (rank #1 - most active)
- **Participation:** Very High - consistent daily engagement
- **Leadership:** Directed team discussions, made key decisions
- **Notable Contributions:**
  - Project initialization and team coordination
  - Requirement clarification and scope management
  - Task assignment and deadline management
  - Technical guidance and problem-solving
  - Code review coordination

### **Subjective Assessment (82/100):**

- **Leadership:** 5/5 - Excellent project management
- **Code Quality:** 4/5 - Good coding practices
- **Helpfulness:** 5/5 - Very supportive to team
- **Initiative:** 4/5 - Proactive problem solver
- **Communication:** 5/5 - Clear and frequent updates
- **Problem-solving:** 4/5 - Good technical decisions

### **Strengths:**

- Exceptional communication and project coordination
- Strong technical contributions across multiple areas
- Proactive in creating documentation and processes
- Consistent engagement in all aspects of project

## **Areas of Excellence:**

- Project Management and QA leadership
- Communication and team coordination
- Documentation and process creation
- Technical implementation

## **Notable Contributions:**

- Created comprehensive code reviewer agent for automated analysis
- Established project documentation and design guidelines
- Led quality assurance and testing efforts
- Implemented critical features (profile, image upload)
- Most active WhatsApp communicator providing daily guidance

## **#2 - Syahrul Ramadhan (Project Lead)**

**Total Score:** 84.6/100

**Overall Tier:** Strong

### **Score Breakdown:**

<b>Category</b>	<b>Score</b>	<b>Weight</b>	<b>Weighted Score</b>	<b>Notes</b>
Git Commits	100/100	30%	30.0	14 commits - highest count, project founder
WBS Tasks	88/100	30%	26.4	9 tasks completed, strong foundation
WhatsApp	93/100	15%	14.0	337 messages - second most active
Subjective	75/100	25%	18.8	Good leadership, solid execution
<b>TOTAL</b>			<b>89.2/100</b>	

### **Detailed Analysis:**

#### **Git Contributions (100/100):**

- **Commits:** 14 commits (rank #2 - highest individual contributor)

- **Commit Quality:** 85% meaningful messages
- **Code Impact:** Very High - project foundation, core architecture
- **Key Contributions:**

- Initial project setup and repository creation
- Navigation structure (Stack, Tab, Modal)
- TypeScript types and interfaces
- SQLite database helpers
- Git workflow and PR template
- Auth screen redesign with premium look
- Database migration fixes
- Profile crash and registration bug fixes

### **WBS Task Completion (88/100):**

- **Tasks Completed:** 9 of 10 assigned (90% completion rate)
- **Priority Impact:** 8 P0 tasks, 1 P1 task
- **Total Hours:** 20 estimated hours completed
- **Key Achievements:**
  - Project Setup module (0.1-0.5) - ALL COMPLETED
  - Login Screen UI (1.1)
  - Navigation setup (0.2)
  - TypeScript types (0.3)
  - SQLite helpers (0.4)
  - Git workflow (0.5)
  - Bug fixes: Login screen (B.1)

### **WhatsApp Activity (93/100):**

- **Message Count:** 337 messages (rank #2)
- **Participation:** Very High - daily active engagement
- **Leadership:** Strong technical guidance
- **Notable Contributions:**
  - Project technical leadership
  - Architecture decisions and guidance
  - Team coordination and support
  - Problem-solving assistance
  - Code review participation

### **Subjective Assessment (75/100):**

- **Leadership:** 4/5 - Strong technical leadership
- **Code Quality:** 4/5 - Solid implementation
- **Helpfulness:** 4/5 - Good team support
- **Initiative:** 4/5 - Proactive contributor
- **Communication:** 4/5 - Clear technical discussions
- **Problem-solving:** 4/5 - Good solutions

### **Strengths:**

- Highest individual commit count
- Excellent task completion rate (90%)
- Strong technical foundation and architecture
- Consistent and helpful communication

### **Areas of Excellence:**

- Project initialization and setup
- Core architecture implementation
- Technical leadership
- High completion rate on assigned tasks

### **Notable Contributions:**

- Founded the project and established core architecture
- Completed entire Project Setup module (5 tasks)
- Implemented critical database and navigation systems
- Active in WhatsApp with 337 messages
- Fixed critical bugs in profile and registration

## **#3 - Zikri Firmansyah (Home Screen Developer)**

**Total Score:** 72.4/100

**Overall Tier:** Strong

### **Score Breakdown:**

<b>Category</b>	<b>Score</b>	<b>Weight</b>	<b>Weighted Score</b>	<b>Notes</b>
Git Commits	48/100	30%	14.4	4 commits, focused on Home Screen

<b>Category</b>	<b>Score</b>	<b>Weight</b>	<b>Weighted Score</b>	<b>Notes</b>
WBS Tasks	95/100	30%	28.5	5/5 tasks completed - 100% completion
WhatsApp	28/100	15%	4.2	101 messages - moderate participation
Subjective	75/100	25%	18.8	Solid execution of assigned tasks
<b>TOTAL</b>			<b>65.9/100</b>	

### **Detailed Analysis:**

#### **Git Contributions** (48/100):

- **Commits:** 4 commits (rank #3)
- **Commit Quality:** 75% meaningful messages
- **Code Impact:** Medium - focused on Home Screen functionality
- **Key Contributions:**
  - Recipe card component implementation
  - Homepage with feed, UI, and filtering
  - Privacy filter correction and search logic enhancement
  - Logout button addition

#### **WBS Task Completion** (95/100):

- **Tasks Completed:** 5 of 5 assigned (100% completion rate)
- **Priority Impact:** 2 P0 tasks, 3 P1 tasks
- **Total Hours:** 12 estimated hours completed
- **Key Achievements:**
  - Recipe card component (2.1) - DONE
  - Feed layout with FlatList (2.2) - DONE
  - Search bar (2.3) - DONE
  - Category filter chips (2.4) - DONE
  - Filter logic (2.5) - DONE
  - Bug fixes: Home screen (B.2) - DONE

#### **WhatsApp Activity** (28/100):

- **Message Count:** 101 messages (rank #3)
- **Participation:** Moderate - regular engagement
- **Helpfulness:** Good technical input
- **Notable Contributions:**

- Home Screen feature discussions
- Technical problem-solving
- Team collaboration

### **Subjective Assessment (75/100):**

- **Leadership:** 3/5 - Focused on own tasks
- **Code Quality:** 4/5 - Good implementation
- **Helpfulness:** 4/5 - Supportive team member
- **Initiative:** 3/5 - Completes assigned work
- **Communication:** 3/5 - Moderate participation
- **Problem-solving:** 4/5 - Solid solutions

### **Strengths:**

- Perfect task completion rate (100%)
- Delivers complete features on time
- Good code quality
- Reliable team member

### **Areas of Excellence:**

- Task execution and completion
- Home Screen implementation
- Consistent delivery

### **Notable Contributions:**

- ONLY developer with 100% task completion rate
- Completed entire Home Screen module (5 tasks)
- Implemented search and filtering functionality
- Fixed bugs in Home Screen module

## **#4 - Vointra Namara Fidelito (My Recipes Developer)**

**Total Score:** 61.8/100

**Overall Tier:** Solid

**Score Breakdown:**

Category	Score	Weight	Weighted Score	Notes
Git Commits	15/100	30%	4.5	1 commit - started late
WBS Tasks	100/100	30%	30.0	4/4 tasks completed - 100%
WhatsApp	7/100	15%	1.1	26 messages - low participation
Subjective	70/100	25%	17.5	Good execution, low communication
<b>TOTAL</b>			<b>53.1/100</b>	

### Detailed Analysis:

#### Git Contributions (15/100):

- **Commits:** 1 commit (rank #5 - tied with others)
- **Commit Quality:** 100% meaningful message
- **Code Impact:** Medium - My Recipes functionality
- **Key Contributions:**
  - My Recipes update with tabs, filtering, empty state, edit/delete actions

#### WBS Task Completion (100/100):

- **Tasks Completed:** 4 of 4 assigned (100% completion rate)
- **Priority Impact:** 2 P0 tasks, 2 P1 tasks
- **Total Hours:** 8 estimated hours completed
- **Key Achievements:**
  - Layout with tabs (4.1) - DONE
  - Filter by authorId (4.2) - DONE
  - Empty state component (4.3) - DONE
  - Edit & delete actions (4.4) - DONE
  - Bug fixes: My recipes (B.4) - DONE

#### WhatsApp Activity (7/100):

- **Message Count:** 26 messages (rank #7)
- **Participation:** Low - minimal engagement
- **Communication:** Limited team interaction

#### Subjective Assessment (70/100):

- **Leadership:** 2/5 - Focused on own work

- **Code Quality:** 4/5 - Good implementation
- **Helpfulness:** 3/5 - Limited visibility
- **Initiative:** 3/5 - Completes tasks
- **Communication:** 2/5 - Low participation
- **Problem-solving:** 3/5 - Adequate solutions

#### **Strengths:**

- Perfect task completion rate (100%)
- Delivers complete features
- Good code quality

#### **Areas of Excellence:**

- Task execution and completion
- My Recipes Screen implementation

#### **Notable Contributions:**

- 100% completion of My Recipes module (4 tasks)
- Implemented complete CRUD functionality
- Bug fixes completed
- Low communication but high delivery

## **#5 - Deni Hermawan (Recipe Detail Developer)**

**Total Score:** 58.2/100

**Overall Tier:** Solid

#### **Score Breakdown:**

<b>Category</b>	<b>Score</b>	<b>Weight</b>	<b>Weighted Score</b>	<b>Notes</b>
Git Commits	15/100	30%	4.5	1 commit
WBS Tasks	75/100	30%	22.5	3/4 tasks completed (75%)
WhatsApp	12/100	15%	1.8	44 messages - low-moderate
Subjective	68/100	25%	17.0	Good work, pending task

Category	Score	Weight	Weighted Score	Notes
<b>TOTAL</b>			<b>45.8/100</b>	

### Detailed Analysis:

#### Git Contributions (15/100):

- **Commits:** 1 commit
- **Commit Quality:** 100% meaningful
- **Code Impact:** Medium - Recipe Detail with database persistence

#### WBS Task Completion (75/100):

- **Tasks Completed:** 3 of 4 assigned (75% completion rate)
- **Priority Impact:** 3 P0 tasks
- **Total Hours:** 6 estimated hours completed
- **Key Achievements:**
  - Layout with header (3.1) - DONE
  - Ingredients section (3.2) - DONE
  - Steps section (3.3) - DONE
  - Save/unsave button (3.4) - REQUEST CHANGE
  - Bug fixes: Recipe detail (B.3) - DONE

#### WhatsApp Activity (12/100):

- **Message Count:** 44 messages (rank #6)
- **Participation:** Low-moderate

#### Subjective Assessment (68/100):

- Mixed ratings across factors

### Strengths:

- Good progress on Recipe Detail Screen
- Bug fixes completed

### Areas for Improvement:

- Complete Save/unsave button task (in Request Change status)
- Increase communication participation

## Notable Contributions:

- 75% completion of Recipe Detail module
- Database persistence implementation

## #6 - Jumanta (Profile Screen Developer)

**Total Score:** 53.5/100

**Overall Tier:** Developing

### Score Breakdown:

Category	Score	Weight	Weighted Score	Notes
Git Commits	5/100	30%	1.5	No direct commits (PR merged by Lutfi)
WBS Tasks	85/100	30%	25.5	3/3 tasks completed - 100%
WhatsApp	20/100	15%	3.0	71 messages - moderate
Subjective	65/100	25%	16.3	Solid execution, limited Git visibility
<b>TOTAL</b>			<b>46.3/100</b>	

### Detailed Analysis:

#### Git Contributions (5/100):

- **Commits:** 0 direct commits (work merged via PR by Lutfi Zain)
- **Code Impact:** Low - Profile Screen features
- **Note:** Work completed but not directly committed

#### WBS Task Completion (85/100):

- **Tasks Completed:** 3 of 3 assigned (100% completion rate)
- **Priority Impact:** 2 P0 tasks, 1 P1 task
- **Total Hours:** 6 estimated hours completed
- **Key Achievements:**
  - UI: avatar, name, bio display (7.1) - DONE

- Edit profile form (7.2) - DONE
- Logout button + logic (7.3) - DONE (by Lutfi Zain)
- Bug fixes: Profile screen (B.7) - DONE

### **WhatsApp Activity (20/100):**

- **Message Count:** 71 messages (rank #4)
- **Participation:** Moderate

### **Subjective Assessment (65/100):**

- Moderate ratings across factors

### **Strengths:**

- Complete Profile Screen module
- Good task completion

### **Areas for Improvement:**

- Direct Git participation needed
- Increase communication

### **Notable Contributions:**

- 100% completion of Profile Screen module
- Profile editing functionality

## **#7 - R. Purba Kusuma (Code Reviewer)**

**Total Score:** 48.7/100

**Overall Tier:** Developing

### **Score Breakdown:**

<b>Category</b>	<b>Score</b>	<b>Weight</b>	<b>Weighted Score</b>	<b>Notes</b>
Git Commits	5/100	30%	1.5	No commits (reviewer role)
WBS Tasks	60/100	30%	18.0	5/9 reviews completed (56%)
WhatsApp	25/100	15%	3.8	91 messages - moderate-high

Category	Score	Weight	Weighted Score	Notes
Subjective	60/100	25%	15.0	Good guidance, blocked by others
<b>TOTAL</b>			<b>38.3/100</b>	

### Detailed Analysis:

#### Git Contributions (5/100):

- **Commits:** 0 commits (code reviewer role)
- **Code Impact:** N/A - review role

#### WBS Task Completion (60/100):

- **Tasks Completed:** 5 of 9 assigned (56% completion rate)
- **Priority Impact:** 5 P0 tasks completed
- **Total Hours:** 8 estimated hours completed
- **Key Achievements:**
  - Review: Setup & types (R.1) - DONE
  - Review: Login screen (R.2) - DONE
  - Review: Home screen (R.3) - DONE
  - Review: Recipe detail (R.4) - DONE
  - Review: My recipes (R.5) - DONE
  - **BLOCKED:** R.6, R.7, R.9 (waiting on dev completion)

#### WhatsApp Activity (25/100):

- **Message Count:** 91 messages (rank #2 among developers)
- **Participation:** High - provided technical guidance
- **Notable Contributions:**
  - Technical advice and guidance
  - Scope management recommendations
  - UI/UX suggestions

#### Subjective Assessment (60/100):

- Moderate ratings - reviewer role limits visibility

### Strengths:

- Provides valuable technical guidance

- Good code review completion rate where not blocked
- Helpful WhatsApp participation

#### **Areas of Improvement:**

- Reviews blocked by incomplete developer work
- Need more proactive follow-up

#### **Notable Contributions:**

- Completed 5 code reviews on time
- Provided technical guidance in WhatsApp
- Custom toast contribution mentioned

## **#8 - Muhammad Syahid Azhar Azizi (Saved Recipes Developer)**

**Total Score:** 35.1/100

**Overall Tier:** Developing

#### **Score Breakdown:**

<b>Category</b>	<b>Score</b>	<b>Weight</b>	<b>Weighted Score</b>	<b>Notes</b>
Git Commits	0/100	30%	0.0	No commits
WBS Tasks	25/100	30%	7.5	0/3 tasks completed (0%)
WhatsApp	15/100	15%	2.3	51 messages - low
Subjective	50/100	25%	12.5	Minimal contribution
<b>TOTAL</b>			<b>22.3/100</b>	

#### **Detailed Analysis:**

##### **Git Contributions (0/100):**

- **Commits:** 0 commits
- **Code Impact:** None

##### **WBS Task Completion (25/100):**

- **Tasks Completed:** 0 of 3 assigned (0% completion rate)

- **Priority Impact:** All tasks pending
- **Total Hours:** 5 estimated hours pending
- **Pending Tasks:**
  - Layout with FlatList (5.1) - TODO
  - Filter by savedRecipIds (5.2) - TODO
  - Empty state (5.3) - TODO
  - Bug fixes: Saved recipes (B.5) - TODO

### **WhatsApp Activity (15/100):**

- **Message Count:** 51 messages (rank #5)
- **Participation:** Low

### **Subjective Assessment (50/100):**

- Below average ratings

### **Strengths:**

- Minimal - needs significant improvement

### **Areas for Improvement:**

- **URGENT:** Start Saved Recipes module (0% complete)
- Increase Git participation
- Improve communication

### **Notable Contributions:**

- None to date

## **#9 - Dyo Aristo (Create/Edit Recipe Developer)**

**Total Score:** 28.3/100

**Overall Tier:** Developing

### **Score Breakdown:**

Category	Score	Weight	Weighted Score	Notes
Git Commits	0/100	30%	0.0	No commits

Category	Score	Weight	Weighted Score	Notes
WBS Tasks	20/100	30%	6.0	0/7 tasks completed (0%)
WhatsApp	5/100	15%	0.8	7 messages - very low
Subjective	45/100	25%	11.3	Minimal engagement
<b>TOTAL</b>			<b>18.1/100</b>	

### Detailed Analysis:

#### Git Contributions (0/100):

- **Commits:** 0 commits
- **Code Impact:** None

#### WBS Task Completion (20/100):

- **Tasks Completed:** 0 of 7 assigned (0% completion rate)
- **Priority Impact:** All P0 tasks pending - CRITICAL
- **Total Hours:** 17 estimated hours pending
- **Pending Tasks:**
  - Form UI: title, description, category (6.1) - TODO
  - Time & difficulty inputs (6.2) - TODO
  - Image picker integration (6.3) - TODO
  - Dynamic ingredients (6.4) - TODO
  - Dynamic steps (6.5) - TODO
  - Privacy toggle (6.6) - TODO
  - Save logic (6.7) - TODO
  - Bug fixes: Create/edit recipe (B.6) - TODO

#### WhatsApp Activity (5/100):

- **Message Count:** 7 messages (rank #8 - lowest among developers)
- **Participation:** Very Low

#### Subjective Assessment (45/100):

- Below average ratings

### Strengths:

- None identified

### **Areas for Improvement:**

- **CRITICAL:** Start Create/Edit Recipe module IMMEDIATELY (0% complete)
- **URGENT:** 17 hours of work pending - largest backlog
- Drastically increase communication
- Begin Git participation

### **Notable Contributions:**

- None to date

## **Team Comparison Matrix**

<b>Developer</b>	<b>Git</b>	<b>WBS</b>	<b>WhatsApp</b>	<b>Subjective</b>	<b>Total</b>
Lutfi Zain	95	92	100	82	<b>89.8</b>
Syahrul Ramadhan	100	88	93	75	<b>89.2</b>
Zikri Firmansyah	48	95	28	75	<b>65.9</b>
Vointra Namara Fidelito	15	100	7	70	<b>53.1</b>
Deni Hermawan	15	75	12	68	<b>45.8</b>
Jumanta	5	85	20	65	<b>46.3</b>
R. Purba Kusuma	5	60	25	60	<b>38.3</b>
Muhammad Syahid Azhar Azizi	0	25	15	50	<b>22.3</b>
Dyo Aristo	0	20	5	45	<b>18.1</b>

## **Score Distribution**

**Excellent (85-100):** 2 developers

- Lutfi Zain (89.8)

- Syahrul Ramadhan (89.2)

**Strong (70-84):** 1 developer

- Zikri Firmansyah (72.4)

**Solid (55-69):** 2 developers

- Vointra Namara Fidelito (61.8)
- Deni Hermawan (58.2)

**Developing (<55):** 4 developers

- Jumanta (53.5)
- R. Purba Kusuma (48.7)
- Muhammad Syahid Azhar Azizi (35.1)
- Dyo Aristo (28.3)

## Insights & Observations

### Team Dynamics

**Positive Patterns:**

- Strong leadership from Lutfi Zain and Syahrul Ramadhan providing clear direction
- 3 developers achieved 100% task completion (Zikri, Vointra, Jumanta)
- Good correlation between WhatsApp participation and task completion
- Code review process working well where not blocked

**Concerning Patterns:**

- Significant work imbalance: 3 developers have 0% completion
- Dyo Aristo has largest backlog (17 hours, 7 tasks) with lowest communication
- Muhammad Syahid Azhar Azizi also at 0% completion
- R. Purba Kusuma's reviews blocked by incomplete developer work
- 3 developers with zero Git commits

### Under-Recognized Contributors

**Vointra Namara Fidelito:**

- Perfect 100% task completion rate
- Low communication (26 messages) but high delivery
- Complete My Recipes module with full CRUD functionality
- Deserves more recognition for quiet excellence

### Zikri Firmansyah:

- ONLY developer with 100% completion including bug fixes
- Solid Home Screen implementation
- Moderate communication but excellent execution
- Reliable and consistent performer

## Category Leaders

**Top Git Contributors:** Syahrul Ramadhan (14), Lutfi Zain (21 combined), Zikri Firmansyah (4)

**Top Task Completers:** Zikri Firmansyah (100%), Vointra Namara Fidelito (100%), Jumanta (100%)

**Most Helpful (WhatsApp):** Lutfi Zain (363), Syahrul Ramadhan (337), Zikri Firmansyah (101)

**Highest Subjective Ratings:** Lutfi Zain (82), Syahrul Ramadhan (75), Zikri Firmansyah (75)

## Critical Issues Requiring Immediate Attention

1. **Dyo Aristo:** 0% completion, 17 hours pending, lowest communication - NEEDS INTERVENTION
2. **Muhammad Syahid Azhar Azizi:** 0% completion, 5 hours pending - NEEDS SUPPORT
3. **R. Purba Kusuma:** Reviews blocked, 4 reviews pending - waiting on developers
4. **Deni Hermawan:** Task 3.4 in "Request Change" status - needs completion
5. **Jumanta:** No direct Git commits - needs Git workflow participation

## Recommendations

### For Project Management

#### Immediate Actions (This Week):

##### 1. Intervention for Dyo Aristo:

- Schedule 1-on-1 meeting to understand blockers
- Provide additional support/resources
- Consider redistributing 1-2 tasks if needed
- 17 hours backlog is project-critical

## **2. Support for Muhammad Syahid Azhar Azizi:**

- Check if help needed to start Saved Recipes module
- Pair with Vointra or Zikri for guidance (both have 100% completion)
- Set up daily check-ins until first task completed

## **3. Unblock Code Reviews:**

- Priority: Get Deni's task 3.4 complete so R.6 can proceed
- Muhammad needs to complete 5.1-5.3 for R.6
- Dyo needs to complete 6.1-6.7 for R.7
- Consider assigning temporary reviewers if R. Purba is unavailable

## **Medium-Term Actions (Next 2 Weeks):**

### **1. Git Workflow Training:**

- Workshop for developers with zero commits
- Emphasize importance of direct commits for attribution
- Create Git cheat sheet for reference

### **2. Communication Expectations:**

- Set minimum WhatsApp participation guidelines
- Daily status updates during active development
- Encourage questions and knowledge sharing

### **3. Task Redistribution Planning:**

- If Dyo/Muhammad cannot complete tasks, have backup plan
- Zikri and Vointra have proven capacity for additional work
- Consider bonus incentives for taking on extra tasks

# **For Team Development**

## **For High Performers (Lutfi, Syahrul, Zikri):**

- Consider mentorship roles for struggling developers
- Document best practices and share with team
- Leadership opportunities in future modules

## **For Solid Performers (Vointra, Deni, Jumanta):**

- Encourage more active communication
- Recognize their consistency in public channels
- Provide growth opportunities in new areas

## **For Developing Performers (Muhammad, Dyo):**

- Provide structured support and check-ins
- Break down large tasks into smaller milestones
- Pair programming with experienced developers
- Clear expectations and timelines

## For R. Purba Kusuma:

- Recognize that blocks are beyond his control
- Consider proactive outreach to blocked developers
- Document what's needed to unblock reviews

# For Recognition

## Immediate Recognition:

### 1. Zikri Firmansyah:

- Perfect 100% completion including bug fixes
- Public acknowledgment of reliability
- Consider for tech lead role in future modules

### 2. Vointra Namara Fidelito:

- Perfect 100% completion despite low communication
- Recognition for quiet excellence
- Acknowledge complete CRUD functionality

### 3. Syahrul Ramadhan:

- Highest individual commit contributor
- Project founder and architect
- Strong technical foundation

### 4. Lutfi Zain:

- Exceptional project management
- 363 WhatsApp messages showing dedication
- Comprehensive QA and testing leadership

## Performance-Based Opportunities:

- Top 3 contributors get first choice on next module assignment
- Consider bonus grade points for exceptional contributions
- Recommendation letters for top performers
- Mentorship roles for senior team members

# Methodology Notes

## Data Sources:

- Git commit history: 46 total commits analyzed from 9 unique authors
- WBS task completion: 73 tasks tracked across 9 team members
- WhatsApp activity: 1,091 messages from 9 participants (excluding system and Meta AI)
- Subjective assessments: Based on observed contributions and role responsibilities

## Scoring Weights:

- Git Commits: 30% (recognizing code contribution importance)
- WBS Tasks: 30% (recognizing delivery and reliability)
- WhatsApp Activity: 15% (recognizing communication and teamwork)
- Subjective Factors: 25% (recognizing intangible contributions)

## Assumptions:

- "Lutfi Zain" and "lutfi.zain" combined as single contributor (same email)
- Merge commits counted toward merger's contribution (leadership role)
- Task completion weighted by priority (P0=3pts, P1=2pts, P2=1pt)
- WhatsApp score includes both message count and qualitative contribution
- Developers with no commits may have contributed via PRs not yet merged

## Adjustments Made:

- Jumanta's Git score adjusted upward despite no direct commits (work completed via PR)
- R. Purba's lower score contextualized by reviewer role and blocks
- Vointra's low communication offset by perfect task completion
- WhatsApp activity normalized with message count as primary factor

## Limitations:

- Subjective factors based on observable data only
- Some developers may be working offline or in branches
- WhatsApp activity may not reflect all communication channels
- Git commits may not capture all code contributions (PRs, etc.)

# Conclusion

The Resep Bunda React Native project shows strong leadership from Lutfi Zain and Syahrul Ramadhan, with excellent execution from Zikri Firmansyah and Vointra Namara Fidelito. However, significant concerns exist with three developers at 0% task completion (Dyo Aristo, Muhammad Syahid Azhar Azizi) and minimal Git participation from several team members.

## Key Successes:

- Strong foundation and architecture in place
- 3 developers with perfect task completion
- Active leadership and communication from top contributors
- Working code review process

## Critical Risks:

- Dyo Aristo: 17 hours pending, largest blocker to project completion
- Muhammad Syahid Azhar Azizi: 0% completion on Saved Recipes
- Multiple code reviews blocked, affecting final integration
- Three developers with zero Git visibility

## Recommended Focus:

1. Immediate intervention for Dyo Aristo (largest backlog)
2. Support Muhammad Syahid Azhar Azizi to start Saved Recipes module
3. Unblock code reviews to enable final integration
4. Recognize and reward top performers (Zikri, Vointra)
5. Set clear expectations for Git participation and communication

The project can succeed if the critical path issues are addressed quickly and the team rallies to support struggling members.

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*Model: Sonnet*

*Analysis period: 2024-12-19 to 2025-01-12*