

4. November 27, 2024, Wednesday, 2:00PM, GEMY Tech

Tagalog E-Aral: Interactive Tagalog Learning Platform for Preschoolers in Nuestra Señora Del Carmen Institute, Inc (NSCI)

Note: Ang question is for all – individual and school subscription? Or for specific beneficiary - school?

Canapi
Angeles
Guilalas
Santiago (Absent)

| My Checklist Assessment | Actual |
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| <p>System Flow for Tagalog E-Aral: Interactive Tagalog Learning Platform</p> <ol style="list-style-type: none">User Login: User (teacher or student) logs into the platform.Home Page: User is directed to the homepage with learning modules.Module Selection: User selects a learning module (e.g., letters, numbers, words, sentences).Interactive Learning: User engages with interactive activities like games, puzzles, and quizzes.Progress Tracking: System tracks the user's progress and performance.Feedback and Assessment: System provides feedback and assessments to the user. | <ul style="list-style-type: none">Admin side function. Upload on learn and challenge. Check the standard terminologies to be used. <i>Improve your UI for Upload on Learn and Challenge. See Content management suggestion</i>Leaning materials and challenges checking. <i>If si teacher ang in-charge sa composition ng learning a material and challenges, dapat meron mag verify to check</i>Dashboard. <i>No information sa dashboard.</i> <p>list of potential dashboards for Tagalog E-Aral: Interactive Tagalog Learning Platform for Preschoolers, focusing on tracking learning progress, content usage, and system management:</p> |
| <p>Modules and Their Components</p> <p>1. User Management Module</p> <ul style="list-style-type: none">Data:<ul style="list-style-type: none">User IDUser NameUser Role (Teacher, Student)PasswordProcesses:<ul style="list-style-type: none">User registrationUser loginPassword reset | <p>1. Main Dashboard (Overview)</p> <ul style="list-style-type: none">Total Users: Number of preschoolers enrolled.Active Users Today: Number of kids using the platform today.Lessons Completed: Total lessons finished across all users.Average Learning Time: Time spent on the platform per day. |

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| <ul style="list-style-type: none"> ○ User profile management • Results: <ul style="list-style-type: none"> ○ Authenticated users ○ Secure access to the platform | <ul style="list-style-type: none"> • Leaderboard: Top-performing kids based on lesson completion or badges earned. |
| <p>2. Content Management Module</p> <ul style="list-style-type: none"> • Data: <ul style="list-style-type: none"> ○ Lesson plans ○ Interactive activities (games, puzzles, quizzes) ○ Audio and video content ○ Learning materials (e.g., worksheets, flashcards) • Processes: <ul style="list-style-type: none"> ○ Create new lessons ○ Edit existing lessons ○ Delete lessons ○ Upload multimedia content ○ Organize learning materials • Results: <ul style="list-style-type: none"> ○ Rich and engaging learning content ○ Organized learning materials ○ Flexible learning experience <p>3. Learning Activity Module</p> <ul style="list-style-type: none"> • Data: <ul style="list-style-type: none"> ○ Student progress ○ Activity completion status ○ Quiz scores • Processes: <ul style="list-style-type: none"> ○ Present interactive activities ○ Provide immediate feedback ○ Track student progress ○ Generate performance reports • Results: <ul style="list-style-type: none"> ○ Enhanced learning engagement ○ Improved student performance ○ Personalized learning experience | <p>2. Learning Progress Dashboard</p> <ul style="list-style-type: none"> • Individual Progress Tracker: <ul style="list-style-type: none"> ○ List of completed lessons with scores. ○ Remaining lessons to be completed. ○ Learning streak (e.g., days of consecutive logins). • Lesson Completion Rates: <ul style="list-style-type: none"> ○ Percentage of children who completed specific lessons. ○ Average scores per lesson or module. • Skill Proficiency: <ul style="list-style-type: none"> ○ Vocabulary (Tagalog words learned). ○ Sentence Construction (sentence challenges completed). ○ Listening Skills (audio-based activities finished). |
| <p>4. Assessment Module</p> <ul style="list-style-type: none"> • Data: <ul style="list-style-type: none"> ○ Quiz questions and answers | <p>3. Content Engagement Dashboard</p> <ul style="list-style-type: none"> • Popular Lessons: Most accessed or completed lessons/modules. • Activity Types: <ul style="list-style-type: none"> ○ Games vs. quizzes vs. story-based learning: which kids prefer more. • Interactive Content Usage: <ul style="list-style-type: none"> ○ Number of times animations, sounds, or games are accessed. • Feedback Summary: Ratings or feedback on lessons from parents/teachers. |

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| <ul style="list-style-type: none"> ○ Student performance data • Processes: <ul style="list-style-type: none"> ○ Generate quizzes and assessments ○ Evaluate student responses ○ Provide feedback ○ Generate performance reports • Results: <ul style="list-style-type: none"> ○ Accurate assessment of student knowledge ○ Timely feedback ○ Data-driven instruction <p>5. Parent/Teacher Communication Module</p> | <p>4. Gamification and Achievement Dashboard</p> <ul style="list-style-type: none"> • Badges and Awards Earned: List of all rewards and the number of users who have earned them. • Challenge Participation: Track how many kids joined interactive quizzes or competitions. • Virtual Rewards Distribution: Items or trophies given based on achievements. |
| <ul style="list-style-type: none"> • Data: <ul style="list-style-type: none"> ○ Parent/teacher contact information ○ Student performance reports ○ Communication messages • Processes: <ul style="list-style-type: none"> ○ Send progress reports to parents ○ Facilitate communication between parents and teachers ○ Share learning resources • Results: <ul style="list-style-type: none"> ○ Improved parent-teacher communication ○ Enhanced parental involvement ○ Increased student motivation | <p>5. Parental Insights Dashboard</p> <ul style="list-style-type: none"> • Child's Progress Overview: <ul style="list-style-type: none"> ○ Lessons completed and performance graph. ○ Time spent on learning each day. • Suggestions for Improvement: <ul style="list-style-type: none"> ○ Recommended lessons based on weaker areas. ○ Encouragement metrics (e.g., praise for frequent logins). • Learning Preferences: <ul style="list-style-type: none"> ○ Activities where the child spends the most time. ○ Skills excelling or needing focus. |
| | <p>6. Teacher/Admin Dashboard</p> <ul style="list-style-type: none"> • Student Enrollment: Number of students under a specific teacher's account. • Group Progress Reports: <ul style="list-style-type: none"> ○ Class averages for each module. ○ Percentage of kids meeting learning objectives. |

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| | <ul style="list-style-type: none"> • Custom Lesson Analytics: For teacher-uploaded lessons, monitor engagement and feedback. |
| | <p>7. System Performance Dashboard</p> <ul style="list-style-type: none"> • Platform Usage: <ul style="list-style-type: none"> ○ Peak usage times. ○ Total logins per day or month. • Device Statistics: <ul style="list-style-type: none"> ○ Access via mobile, tablet, or desktop. • Content Updates: <ul style="list-style-type: none"> ○ New lessons/modules published. ○ Upcoming scheduled updates or downtime. |
| | <p>8. Feedback and Survey Dashboard</p> <ul style="list-style-type: none"> • Parent Feedback: <ul style="list-style-type: none"> ○ Ratings on the platform's usability and effectiveness. • Preschooler Preferences: <ul style="list-style-type: none"> ○ Activities marked as fun or boring by kids. • Improvement Suggestions: <ul style="list-style-type: none"> ○ Aggregated suggestions for new features or lessons. |
| | <p>9. Language Mastery Dashboard</p> <ul style="list-style-type: none"> • Word Bank: <ul style="list-style-type: none"> ○ Number of new words learned (Tagalog-English dictionary stats). • Pronunciation Practice: <ul style="list-style-type: none"> ○ Words correctly pronounced using speech recognition. • Cultural Modules Completed: |

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| | <ul style="list-style-type: none"> ○ Stories, songs, or videos about Filipino culture completed by users. |
| | <p>10. Financial and Subscription Dashboard</p> <ul style="list-style-type: none"> • Subscription Metrics: <ul style="list-style-type: none"> ○ Active subscriptions and upcoming renewals. ○ Trial-to-paid conversion rate. • Revenue Tracking: <ul style="list-style-type: none"> ○ Total earnings from subscriptions or in-app purchases. |
| | <p>Visualization Tools</p> <p>Use charts and graphs like:</p> <ul style="list-style-type: none"> • Bar Charts: Lesson completion comparison. • Pie Charts: Activity preferences (e.g., games vs. quizzes). • Heatmaps: Peak times for user activity. • Line Graphs: Individual progress over time. |
| | <p>This dashboard setup ensures a holistic view of both learning and system management for Tagalog E-Aral, providing value for students, parents, and administrators.</p> <p>Assessment overall remarks: dapat tugma sa lesson plan ang ino-ooffer ng app.</p> |
| Additional Considerations: | |

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| <ul style="list-style-type: none"> • Accessibility: Design the platform to be accessible to all students, including those with disabilities. • Language and Culture: Ensure the content aligns with the Tagalog language and Filipino culture. • User Interface: Create a user-friendly and visually appealing interface. • Security: Implement strong security measures to protect student data. • Mobile Compatibility: Develop a mobile app for easy access on smartphones and tablets. | |
| <p>Overall assessment remarks: Needs Improvement (Incomplete Functionality)</p> <p>Detailed Assessment: Please refer to the 'My checklist assessment' for a detailed breakdown of modules, input data, processes, and results.</p> | |