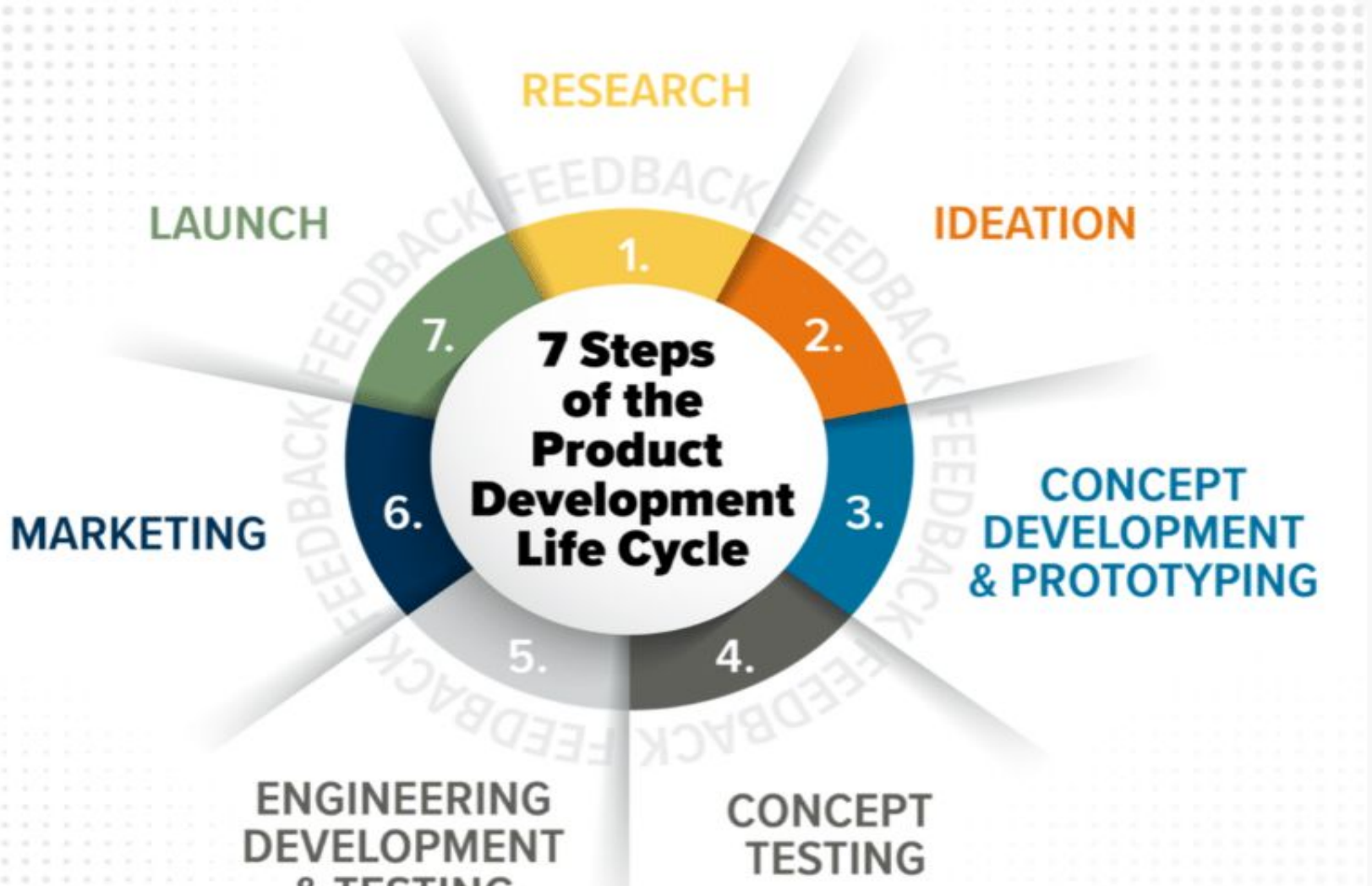
STUDENT DASHBOARD -ADVANCED ACADEMIC RECORD MANAGEMENT SYSTEM WITH ADDITIONAL FEATURES.

H.S.BALARAGAVENDIRAN
IT DEPARTMENT
192221085


RESEARCH
IDEATION
CONCEPT DEVELOPMENT & PROTOTYPING
CONCEPT TESTING
ENGINEERING DEVELOPMENT & TESTING
MARKETING
LAUNCH
1.
2.
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7.
7 Steps of the Product Development Life Cycle
FEEDBACK

MY ROLE:

- Define project objectives and scope.
- Create a timeline and milestones for the project.
- Coordinate with team members and stakeholders.
- Ensure the project meets deadlines and quality standards.

MY RESPONSIBILITIES:

- Requirement Gathering and Analysis.
- System Design And Development.
- Testing,Deployment And Maintenance.
- Documentation,Security And Compliance.

PROBLEM STATEMENT:

- Existing academic record management systems often fail to provide a centralized platform for students, educators, and administrators to access, analyze, and manage academic data effectively. This leads to scattered information, reduced productivity, and decision-making challenges.
- Current systems lack the ability to offer personalized insights and recommendations to students based on their academic performance, learning patterns, and career goals, resulting in missed opportunities for academic growth and skill development.
- Most dashboards are not user-friendly or accessible across multiple devices, making it difficult for students and educators to interact with the system in real-time and on-the-go.

PRODUCT PROBLEM :

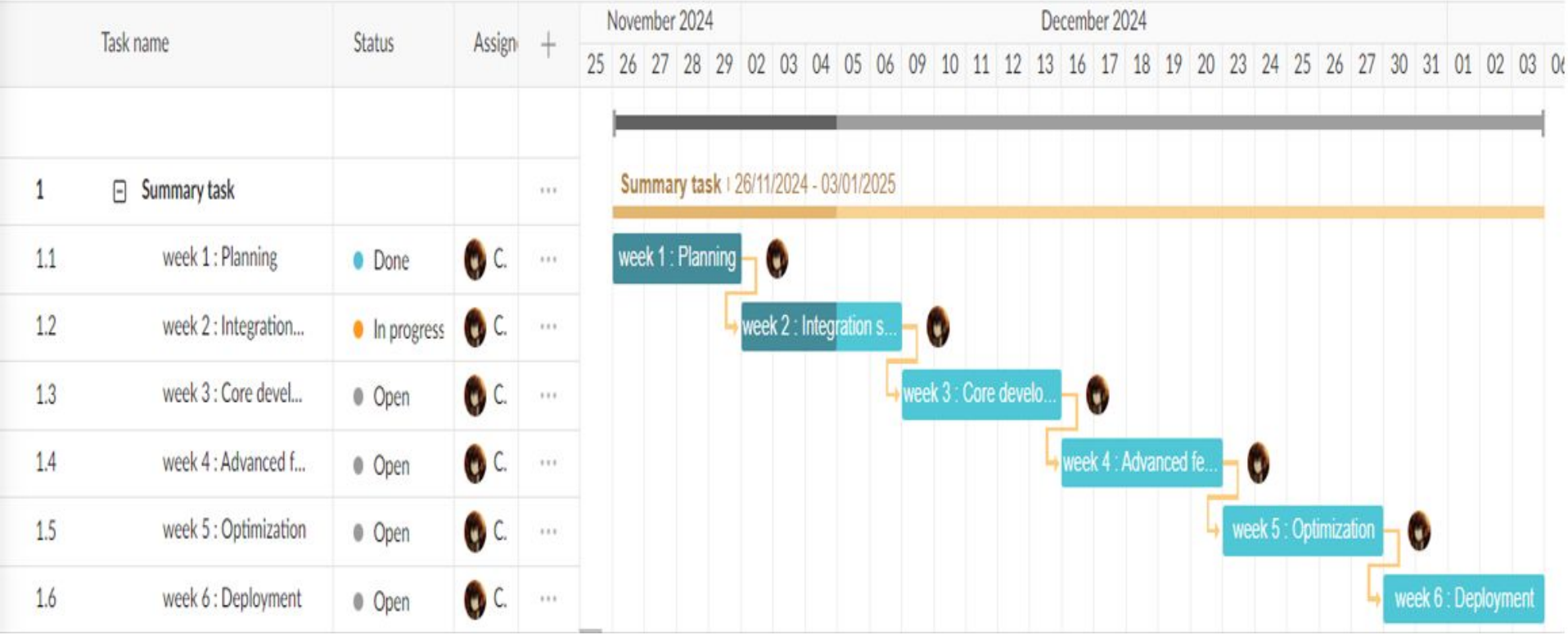
- Managing and presenting a large volume of academic records (grades, attendance, extracurriculars, etc.) in a user-friendly and efficient way can overwhelm users. Balancing detailed insights with simplicity in the dashboard design is a challenge .

SOLUTION:

- Use AI algorithms to prioritize and display only the most relevant data for students, teachers, and administrators, with options for deeper exploration. Implement intuitive visualizations like graphs, progress trackers, and personalized alerts to reduce data overload.

PRODUCT DEVELOPMENT CYCLE

❑ GNATT CHART



PRODUCT DEVELOPMENT CYCLE

❑ PROJECT TIMELINE

Week 1: Planning

- Define project scope, features, and user personas.
- Analyze competitors and identify gaps.
- Create wireframes for core features (login, forum, chat, profile).

Week 2: Integration Setup

- Set up the Flutter development environment and backend hosting.
- Implement basic authentication (signup, login).
- Create and test backend APIs for authentication.

Week 3: Core Development

- Build frontend for user registration, login, and dashboard.
- Design and implement the forum section: categories, posting, and viewing discussions.
- Start backend development for real-time chat.

Week 4: Advanced Features

- Integrate real-time chat with the UI.
- Add basic search functionality for forums and users.
- Implement upvotes, filters, and engagement tools for forums.

Week 5: Optimization

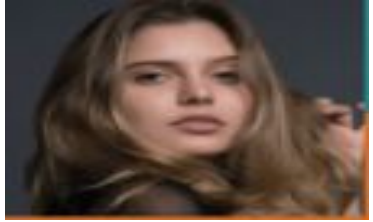
- Optimize UI and backend for performance.
- Conduct integration testing across all features.
- Fix bugs and refine features based on test results.

Week 6: Deployment

- Perform final debugging and stress testing.
- Conduct beta testing, gather feedback, and make refinements.
- Deploy the application and launch it publicly.

UNDERSTANDING THE USER

PERSONA 1: HARSHA



PROBLEM STATEMENT

Harsha is a student she wants to manage her academic activities like managing attedance,course enrollment viewing results and payment for certain fess is an challenging task .With help of academic research management system she can solve her problems.

NAME:HARSHA

EDUCATION:BACHELOR DEGREE IN INFORMATION TECHNOLOGY

AGE:21

GOAL:

Stay Updated: Keep up with tech trends.

FRUSTATIONS:

Time sink:Wasters hours without productive outcomes.

UNDERSTANDING THE USER

PERSONA 2:BALA

PROBLEM STATEMENT

Bala is a college student he was

Not able to maintain his attendance and course

Details properly ,so he faces lots of struggles by

Using academic research management system he

Can resolve his problems.

NAME:BALA

EDUCATION:BACHELOR

DEGREE IN INFORMATION

TECHNOLOGY

AGE:20

GOAL:

Stay updated:Keep up with tech

Trends.

FRUSTATION: Time Sinks.

USER JOURNEY MAP