PROJECT- **Compose Input: A Demonstration Of Text Input And Validation With Android Compose**

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Sprint Planning and Story Points: Organizing Text Input and Validation with Android Compose

In this phase of our project, we'll delve into sprint planning, stories, and story points to ensure the efficient development of text input and validation features using Android Compose. Sprint planning is a vital step in Agile software development, allowing us to set priorities, define tasks, and allocate story points to achieve our objectives effectively.

Sprint Planning

Setting Objectives

Our first step is to define the objectives for this sprint. These objectives should align with our overall project goals and prioritize the implementation of text input and validation features.

Backlog Review

We review our product backlog to identify the user stories and tasks related to text input and validation. This includes input fields, validation logic, error handling, and any integration with third-party APIs or cloud services.

Task Breakdown

Next, we break down the identified user stories and tasks into smaller, manageable units of work. Each task should be clear and specific, making it easier for the development team to understand and execute.

Estimating Effort

Once tasks are defined, we estimate the effort required for each task. This estimation is usually done using story points, a relative measure of effort. Story points can help prioritize tasks based on their complexity.

Stories and Story Points

User Stories

As a User, I want to input my address efficiently: This user story involves designing a text input field for addresses and integrating the Google Places API for location suggestions.

As a Developer, I want to create a custom validation logic: This story focuses on building custom validation logic for text inputs to ensure data integrity.

As a User, I want to receive real-time validation feedback: This story involves updating the UI in real-time to provide feedback to the user regarding the validity of their input.

As a Developer, I want to deploy the application to the cloud: This story includes setting up cloud deployment infrastructure and connecting the application to cloud services for scalability and reliability.

Story Points

User Story 1: 5 story points

User Story 2: 8 story points

User Story 3: 5 story points

User Story 4: 13 story points

Sprint Goals

With our user stories and story points established, we set the sprint goal, which is to implement and test the efficient text input and validation features using Android Compose.

Task Assignment

We assign the tasks to the development team members based on their expertise and availability. This distribution ensures that each team member has a clear role in achieving the sprint goal.

Conclusion

By following a well-structured sprint planning process, organizing user stories, and allocating story points, we can efficiently develop and implement text input and validation features in our Android Compose application. This approach fosters collaboration, clarity, and the achievement of sprint goals.

This input provides an overview of how to plan and organize sprint planning, stories, and story points when working on text input and validation with Android Compose. You can use this as a foundation for your demonstration or adapt it to your specific project needs.