**Excel Sheet Structure for Solana Blockchain Project**

**Sheet 1: Tools Overview**

| **Tool Name** | **Purpose** | **Link/Download** |
| --- | --- | --- |
| Rust | Programming Language | [rust-lang.org](https://www.rust-lang.org) |
| Solana CLI | Command Line Interface for Solana | Solana CLI |
| Anchor | Framework for Solana smart contracts | Anchor |
| Visual Studio Code | IDE for coding | [VS Code](https://code.visualstudio.com/) |
| GitHub Copilot | AI code assistant | [GitHub Copilot](https://github.com/features/copilot) |
| Trello/Jira | Project Management | [Trello](https://trello.com) / Jira |
| Rustlings | Rust learning exercises | [Rustlings](https://github.com/rust-lang/rustlings) |

**Sheet 2: Activities Checklist**

| **Activity** | **Description** | **Status (To Do/In Progress/Done)** |
| --- | --- | --- |
| **1. Set Up Development Environment** | Install Rust, Solana CLI, and Anchor framework |  |
| **2. Project Planning** | Define project goals and user stories |  |
| **3. Scrum Setup** | Organize sprint planning and daily stand-ups |  |
| **4. Code Smart Contracts** | Develop smart contracts using Rust and Anchor |  |
| **5. Write Unit Tests** | Test smart contracts to ensure functionality |  |
| **6. Deploy to Devnet** | Deploy the program to Solana's Devnet |  |
| **7. Conduct User Testing** | Gather feedback from users |  |
| **8. Iterate Based on Feedback** | Make necessary improvements based on feedback |  |
| **9. Deploy to Mainnet** | Final deployment of the application |  |
| **10. Launch and Monitor** | Launch the app and monitor for issues |  |

**Sheet 3: Timeline**

| **Sprint** | **Activity** | **Start Date** | **End Date** | **Responsible** |
| --- | --- | --- | --- | --- |
| 1 | Set Up Development Environment | YYYY-MM-DD | YYYY-MM-DD | Your Name |
| 2 | Project Planning | YYYY-MM-DD | YYYY-MM-DD | Your Name |
| 3 | Coding Smart Contracts | YYYY-MM-DD | YYYY-MM-DD | Your Name |
| 4 | Testing and Deployment | YYYY-MM-DD | YYYY-MM-DD | Your Name |
| 5 | Launch and Monitor | YYYY-MM-DD | YYYY-MM-DD | Your Name |

**Additional Tips**

* **Use Conditional Formatting**: Highlight tasks based on their status (e.g., red for "To Do", yellow for "In Progress", green for "Done").
* **Add Comments**: Include any notes or important details in the comments section for each task.

You can fill in the exact dates and assign responsibilities as needed. This structure will help you stay organized and ensure you cover all necessary steps in your project on the Solana blockchain.