**Project Design Phase-II**

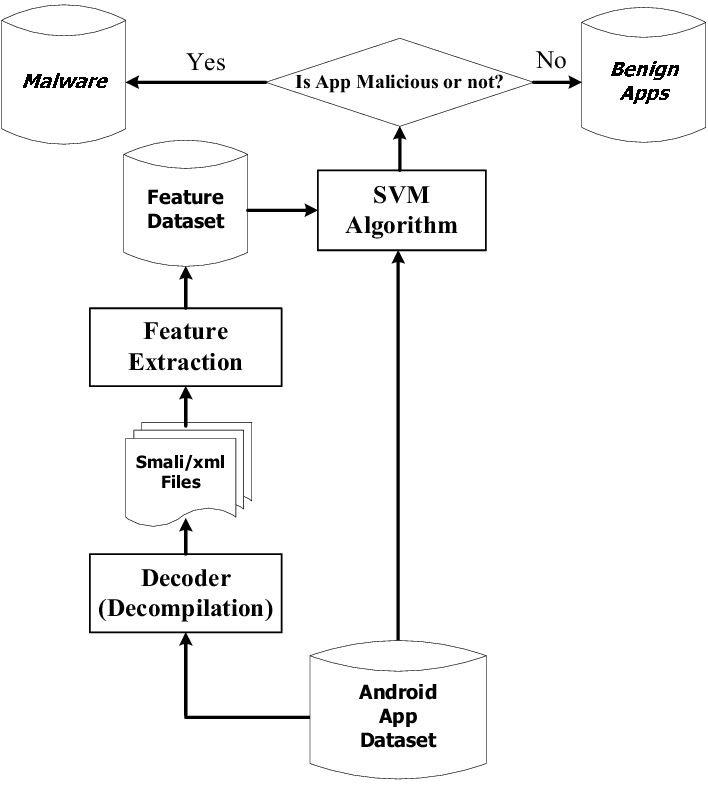
**Data Flow Diagram & User Stories**

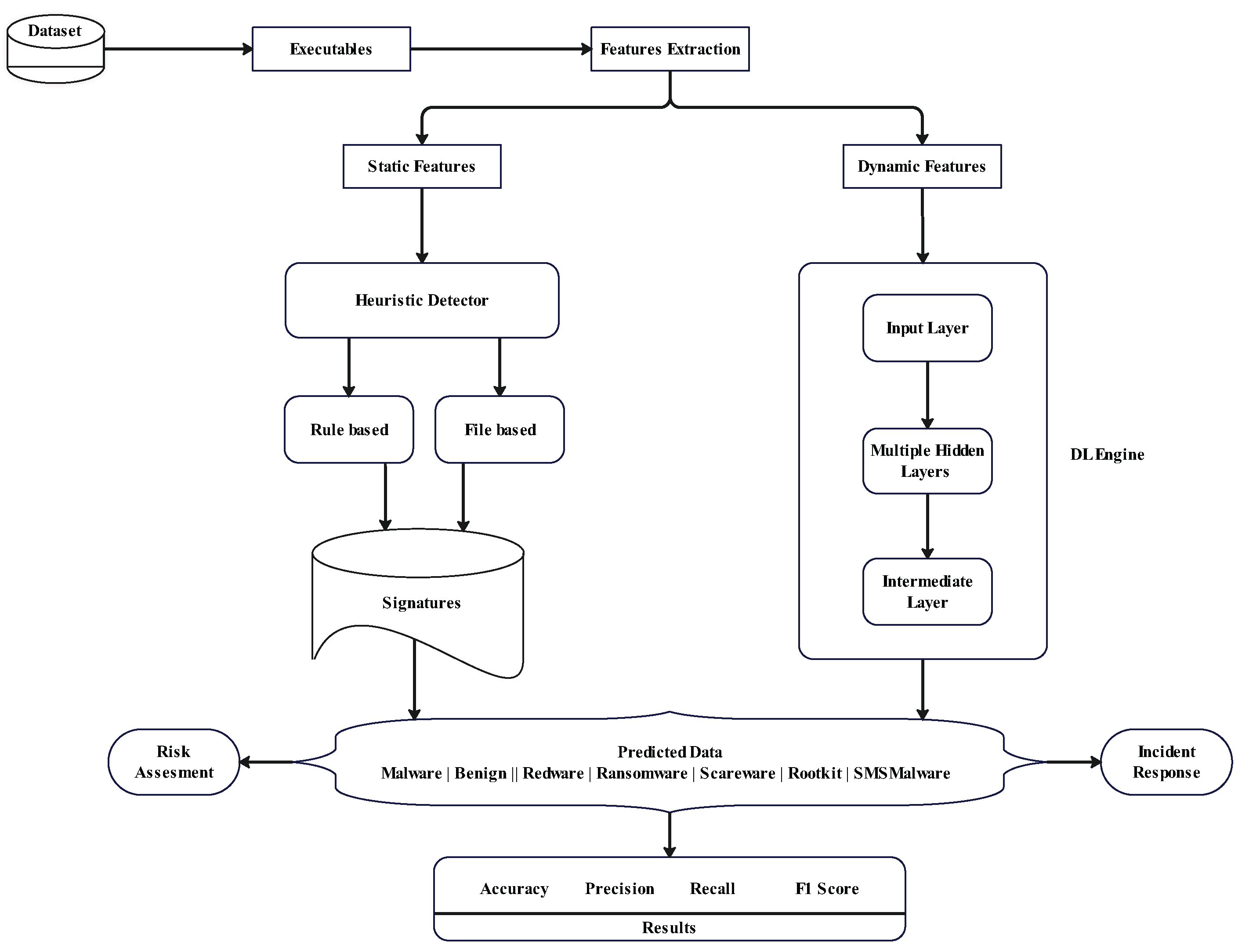
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| --- | --- |
| Date | 03 October 2022 |
| Team ID | 2.10 |
| Project Name | Project – Malware Detection and Classification |
| Maximum Marks | 4 Marks |

**Data Flow Diagrams:**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: DFD Level 0 (Industry Standard)





**User Stories**

Use the below template to list all the user stories for the product.

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| --- | --- | --- | --- | --- | --- | --- |
| **User Type** | **Functional**  **Requirement (Epic)** | **User Story**  **Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Release** |
| User (Security Analyst) | Registration | USN-1 | As a User, I Want to Submit Files for Scanning | I receive immediate feedback on the submission status. | High | Sprint-1 |
|  | Scan Result | USN-2 | As a User, I Want to View Scan Results | After file scanning, I can view detailed scan results, including whether malware is detected and the type of malware. | High | Sprint-1 |
|  | Settings | USN-3 | As an Administrator, I Want to Manage User Profiles | I can create, modify, or deactivate user accounts. | Medium | Sprint-2 |
|  | Update | USN-4 | As a System, I Want to Automatically Update Malware Signatures | The system regularly fetches updates from threat intelligence feeds. | Medium | Sprint-1 |
|  | Alerts | USN-5 | As an Administrator, I Want to View Alerts | I can acknowledge and investigate alerts and assign them to security analysts. | High | Sprint-1 |
|  | Search | USN -6 | As a User, I Want to Search for Historical Scan Results | I can search and view historical scan results for files I've submitted in the past. | Medium | Sprint-2 |
|  | Reports | USN-7 | As a Security Analyst, I Want to Generate Reports | I can create detailed reports on malware incidents for management and compliance purposes. | High | Sprint-1 |
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