Agile Sprint & Story Point Overview – **HouseHunt**

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID20380 |
| Project Name | HouseHunt : Finding your perfect rental home |
| Maximum Marks | 5 Marks |

**Definitions**

1. **Sprint**: A fixed period (usually 5 days) in which the team completes a set of planned tasks.
2. **Epic**: A large project or feature that is too big to complete in a single sprint and is divided into smaller parts called stories.
3. **Story**: A smaller, manageable task derived from an epic, assigned to a sprint.
4. **Story Point**: A numerical value that represents the estimated effort required to complete a story. It usually follows the Fibonacci sequence.

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| **Story Point** | **Difficulty Level** |
| 1 | Very Easy Task |
| 2 | Easy Task |
| 3 | Moderate Task |
| 5 | Difficult Task |

**Sprint Breakdown**

Sprint 1: (5 Days)

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| --- | --- | --- |
| **Task Category** | **Task Description** | **Story Points** |
| **Data Collection** | Collection of Data | 2 |
|  | Loading Data | 1 |
| **Data Preprocessing** | Handling Missing Values | 3 |
|  | Handling Categorical Values | 2 |
| **Total (Sprint 1)** |  | **8 Points** |

Sprint 2: (5 Days)

|  |  |  |
| --- | --- | --- |
| **Task Category** | **Task Description** | **Story Points** |
| **Model Building** | Build Model | 5 |
|  | Test Model | 3 |
| **Deployment** | Design HTML Pages | 3 |
|  | Flask Deployment | 5 |
| **Total (Sprint 2)** |  | **16 Points** |

**VELOCITY CALCULATION**

**Velocity** is the average number of story points completed per sprint.

* Total Story Points: 8 (Sprint 1) + 16 (Sprint 2) = **24**
* Number of Sprints: **2**
* **Velocity = Total Story Points / Number of Sprints = 24 / 2 = 12**

**Team Velocity: 12 Story Points per Sprint**

This velocity helps estimate how much work the team can accomplish in future sprints.