**User Stories**

Pivotal Tracker is an agile project management tool that shows software teams their work in progress and allows them to track upcoming milestone. The software can be accessed from <http://www.pivotaltracker.com>. You may access some tutorial on how to use this software form the following URL <https://www.pivotaltracker.com/help/articles/quick_start/>.

**Question**

You are required to build a website for a restaurant to improve their business.

**Hints:** Of all the possible features, most important features to start with are having a menu on the website, a way to order and a way to pay.

**Task to perform to complete the task**

**1. Creating a project**

* Sign up for the new account
* Create new project and set the necessary properties/setting for the project
* Explore all the panels
* Pivotal Tracker projects consist of 4 different lists: **icebox, backlog, current, and done.**
  + **Icebox – place where you enter all your features and ideas at the project start as well as throughout the project itself. This means that any new story goes to the icebox first. The product owner can then decide and prioritize.**

**2. Adding Stories**

* Four **types of stories** in Tracker
  + Features
    - default story type
    - provide verifiable business value to the team’s customer
  + Chores
    - Stories that are necessary but provide no direct, obvious value to the customer
    - They don’t require extra validation when they’re finished, so the states for chores are just unstarted, started, and accepted
  + Bugs
    - Represent unintended behavior that can be related to features (e.g., login box is wrong color, price should be non-negative)
  + Release
    - Milestone markers that allow your team to track progress towards concrete goals
* Story title is the only required field, but you can add details in the Description
* You can also add task in the story, such as “to-do” list, testing notes, or other activities such as design work
* New stories are typically left unestimated until the delivery team meets to discuss them.
* For other update to a story, click the arrow to the left of the story name, or double-click preview to expend the story
* As you work with stories, be aware that the different story types in Tracker have different states and workflows. For example, when you click Finish on a chore or release, it will change directly to the accepted state.
* Overall workflow
  + **Write stories.** The customer, project or product manager (PM), or product owner (PO) adds new feature stories. This might be done in an activity with other team members, such as story mapping, specification workshops, or an iteration planning meeting (IPM). Mock-ups, assets, or other examples may be attached to stories and/or epics. Stories are in the unscheduled state if they are added to the Icebox, are unestimated, or if they have points to estimate in place of an action button.
  + **Prioritize stories.** The customer/PM/PO prioritizes stories in Backlog. Stories are then in the unstarted state, and remain unestimated.
  + **Estimate stories.** In an IPM, the team discusses each story to gain shared understanding, adds extra information as needed (such as acceptance criteria), and collectively estimates each story. [Estimated](https://www.pivotaltracker.com/help/articles/estimating_stories) stories have a Start button.
  + **Start stories.** When they’re ready, a developer or developer pair clicks Start on the next unstarted, estimated story in the current iteration. The story is now in the started state, with a Finish button and, unless preassigned, the person who clicked Start becomes a [story owner](https://www.pivotaltracker.com/help/articles/story_owners). The developer(s) collaborate with other team members (such as the customer/PM/PO, designers, and testers) to perform the testing and coding activities to build the feature increment represented by the story.
  + **Finish and deliver stories.** When coding and testing activities for the story have been completed, and the automated tests for it have all passed, the developer(s) click the Finish button (or possibly their commit message does this via Tracker’s [SCM integration](https://www.pivotaltracker.com/help/articles/scm_integrations). Now the Deliver button is available.
  + **Test stories.** After the CI build for the newly committed code has passed, the code is deployed to appropriate test environments, and stories are marked as delivered by a team member or automated deploy process. Now the green Accept and red Reject buttons are visible.
  + **Accept or reject stories.** The customer/PM/PO, possibly in collaboration with testers, designers, and other team members, verifies whether acceptance criteria have been met, and accepts or rejects the story, completing the feedback loop. The accepted story turns green and moves to the top of the current iteration.
  + **Stories move to the Done panel.** At the end of the iteration, accepted stories move to the Done panel.