

Recitation #1

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TAs

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User Stories

The general criteria for a user story:

- Capture a description of a software feature from an end-user perspective
- Are used for planning
- Facilitate conversation among users, stakeholders, developers and etc.

User Story Template

As a (type of user),
I want (some feature),
so that (some benefit)

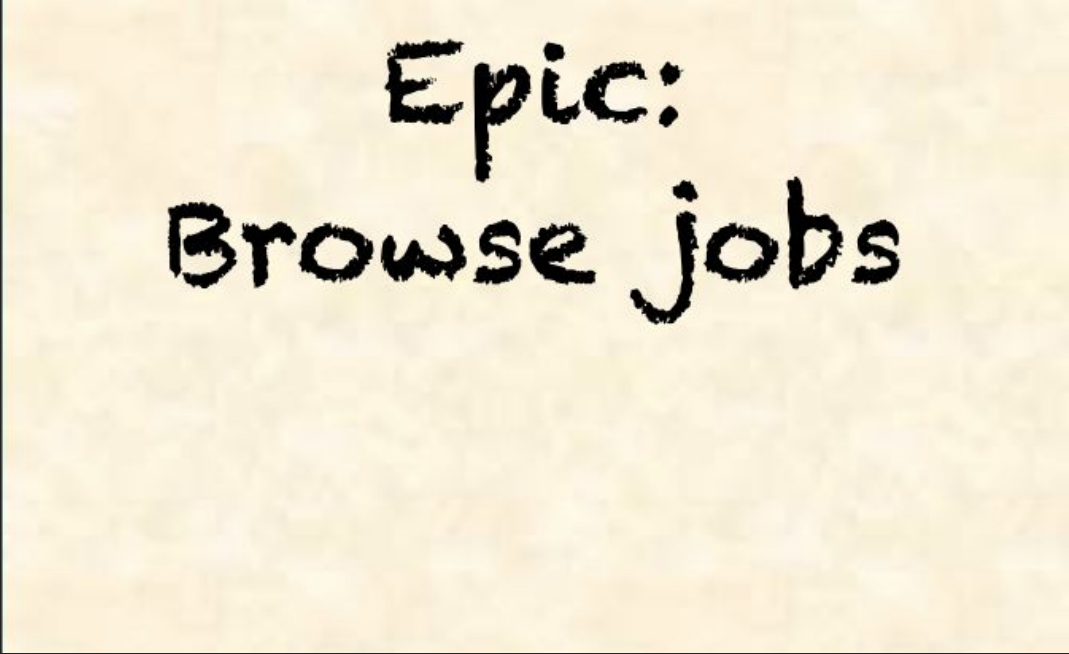
For example, for a job portal:

As a job seeker,
I want to upload my resume,
so that employers consider me
for jobs

Epics V/S User Stories

- An epic is a large body of work that can be broken down into a number of smaller stories.
- Epics often encompass multiple teams, on multiple projects, and can even be tracked on multiple boards.
- Epics are almost always delivered over a set of sprints.

For example, for the same job portal, this could be one of the epics

A rectangular sticky note with a light beige, textured background is centered on a dark grey background. The text 'Epic: Browse jobs' is written in a black, hand-drawn, slightly irregular font. The word 'Epic:' is on the first line, and 'Browse jobs' is on the second line, indented slightly to the left.

**Epic:
Browse jobs**

As compared to the User Stories like these

As a user, I want
to sort available
jobs by their
relevance to my
field..

As a user, I want
to search for jobs
by experience
required

What makes a good user story?

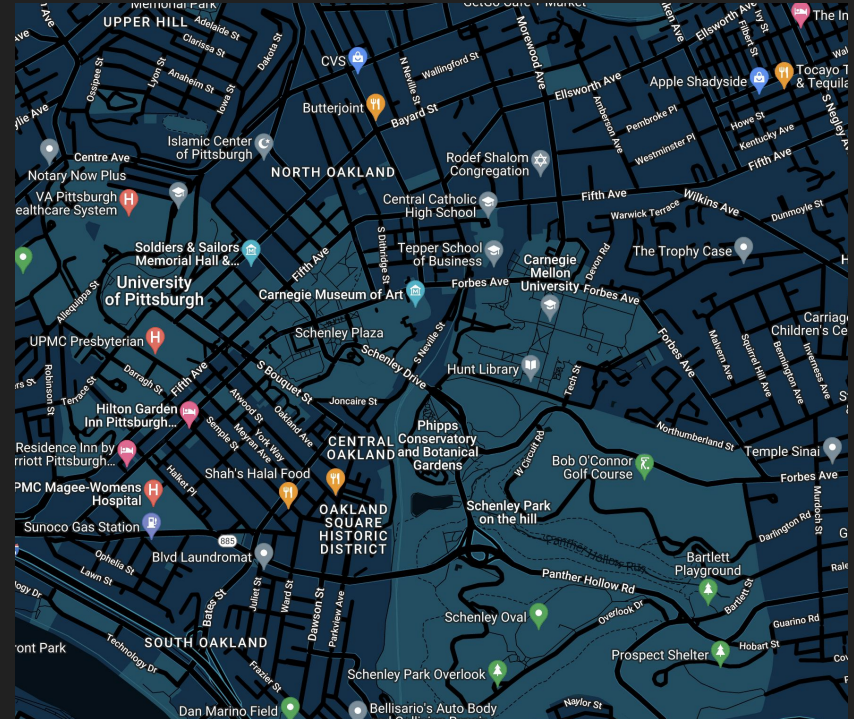
The **INVEST** principle:

- **I**NDEPENDENT
- **N**EGOTIABLE
- **V**ALUABLE
- **E**STIMABLE
- **S**MALL
- **T**ESTABLE

Case Study

Form teams and create User Stories for a product that is Google Maps alternative. For example:

“As a delivery driver I would like to be able to have multiple destinations so that I can maximize tips by doing multiple deliveries as fast as possible”



The 3C's Approach

- **Card:** The user stories written on cards by customer/product owner
- **Conversation:** The communication between customer/product owner and developers
- **Confirmation:** Acceptance criteria/test

Let's try it out!

- Capture a description of a software feature from an end-user perspective
- (As a class) Let's come up with a small example application
- Same teams, Brainstorm and write 5-10 user stories

Food for thought

- What are the benefits of INVEST?
- What are the issues with the INVEST approach?

Brass Tacks

Homework 1 available on the course website now!