* **Who your sponsor is and what they do**

Pacific Roe Technologies

Produces Salmon and Trout Egg Sorters and Counters

* **Any background on the project we might need to know, like is this a continuation project, etc (context!)**

Continuation of a 1970’s fish egg counter that doesn’t have image processing, shocking hazard to the users, and was often inaccurate

* **What project you're going to do for the sponsor, with details, and include expected deliverables**

New Deliverables including focus on an imaging system to help improve accuracy & provide more sorting options

rugged, low cost, battery powered, stores egg images in cloud, has interface/app, USB

* **What your team panic level (risk level, really) is for:**
  + **the technology required, from 1 (it's fine, whatever) to 5 (it's magic we don't understand)**

3 - Waterproofing seems a little scary, but it’s too soon to tell, not enough info. Should be a really palatable user interface and very robust. (durability might present a challenge)

* + **the schedule feasibility, from 1 (yeah we'll be done early) to 5 (doesn't seem possible in 6 months**

3 - Last group finished earlier on their schedule, don’t have too much risk of the project dragging on

* **What your team is most worried about**

Lack of familiarity with imaging/storage, dealing with water-proofing, low-power

**Elevator Pitch:**

Our sponsor is Pacific Roe Technologies, they Produce Salmon and Trout Egg Sorters and Counters**.** Our project is a continuation of a 1970’s fish egg counter that is very rudimentary and isn’t always accurate. With our new design, the count of the eggs will be accurate and we will (hopefully) have pictures of each egg being counted for the workers to refer to.Our project will be rugged, low cost, battery powered, have a user interface with multiple counting options, and may have cameras for imaging. We are most worried about our lack of familiarity with the imaging/storage aspect, and dealing with water-proofing.