**Feature 9 – Instrument Inventory**

As the*owner of the Pinelands Music School*I want to *keep track of our instrument inventory*so I can *deterine what instruments we have and retrieve other pieces of information about them as well as add new instruments as required.*

**Acceptance Criteria**

Instrument Inventory must only be accessible by Mika through the administraion section

The instrument inventory database must record the following options at least:

* A unique identifier for each instrument (example formats below)
  + ID number (10, 11, 12, etc)
  + Instrument type ID (violin10, violin11, violin12, etc)
* The type of the instrument (piano, violin, etc)
* The hire cost of the instrument for lessons
  + Used when calculating the cost of booked lessons
* The condition of the instrument
  + Brand new
  + New
  + Slightly used
  + Used
  + Well used
  + Broken
* The date of purchase
  + Will allow for reporting on instruments that may be heading towards EOL

The page which allows Mika to view the instrument inventory must allow for sorting and filtering of instruments

* Filter by instrument type
* Filter by hire cost (e.g: all instruments under $20)
* Filter by instrument condition (e.g: list all broken instruments that need to be replaced)
* Sort by hire cost (e.g: cheapest instruments first)
* Sort by date of purchase (e.g: latest instruments shown at the top of the list)

Must have a form to add new instruments to the inventory

All fields must be filled when adding a new instrument to the inventory

**Notes**