**Curriculum & Program Projects Code In The Schools & DGS BPIO Partnership**

Teaching or Facilitating Office sessions on making pull requests

* Projects A for curriculum/ program Projects B for pipeline employee work
* We can scale projects up or down in complexity for deliverable

?? what format do you need curriculum projects in?

??duration of training ,

??skill level and background in CS -- need to know to select projects

Projects List

Project Intake –intake, validation, scoring and prioritization of project requests across agency

Timesheet Reminder Program – fixed, improved, notification to relevant staff about timesheet submission

Contract Management –analyze status, spending and burn rate reporting, graphs, notification on expiration of contract key information tool

Customer Satisfaction Notification –notify upon submission to provide real time notice of complaints for FMD

Aging Report Reminder –scrape Citibuy for relevant vendor information and ping via email and call (twilio) for reminders to send aging reports. Dynamic based on vendor list & contract terms, usage.

Mobile pilot dashboard –real time dashboard to html or in browser bokeh or matplotlib for key pilot program metrics to necessary staff

FMD Dashboard –pm:cm kpi & close time duration dashboard for management decisions

HR Training Tracker –solicits training participation, tracks and notifies on high level staff training indicator monthly and by fiscal year against internal and external metrics

FMD Tweet bot –push tweets on facility maintenance division performance, (randomized, regular) and standard format

For more advanced students there is another level of projects around predictive analysis with Python and predicting KPIs, predicting the number of fleet work orders or facility maintenance work orders in a year based on a historical data.