

# Grad Student Projects

- Select one or propose one to me
- Must be demonstrated at the end of the semester
- Extra credit (10 pts) for an additional project
- Not merely “check a box”
  - Must be fully integrated for credit
  - “Fully” determined at instructor discretion
  - 2-page, ACM-style write-up of project

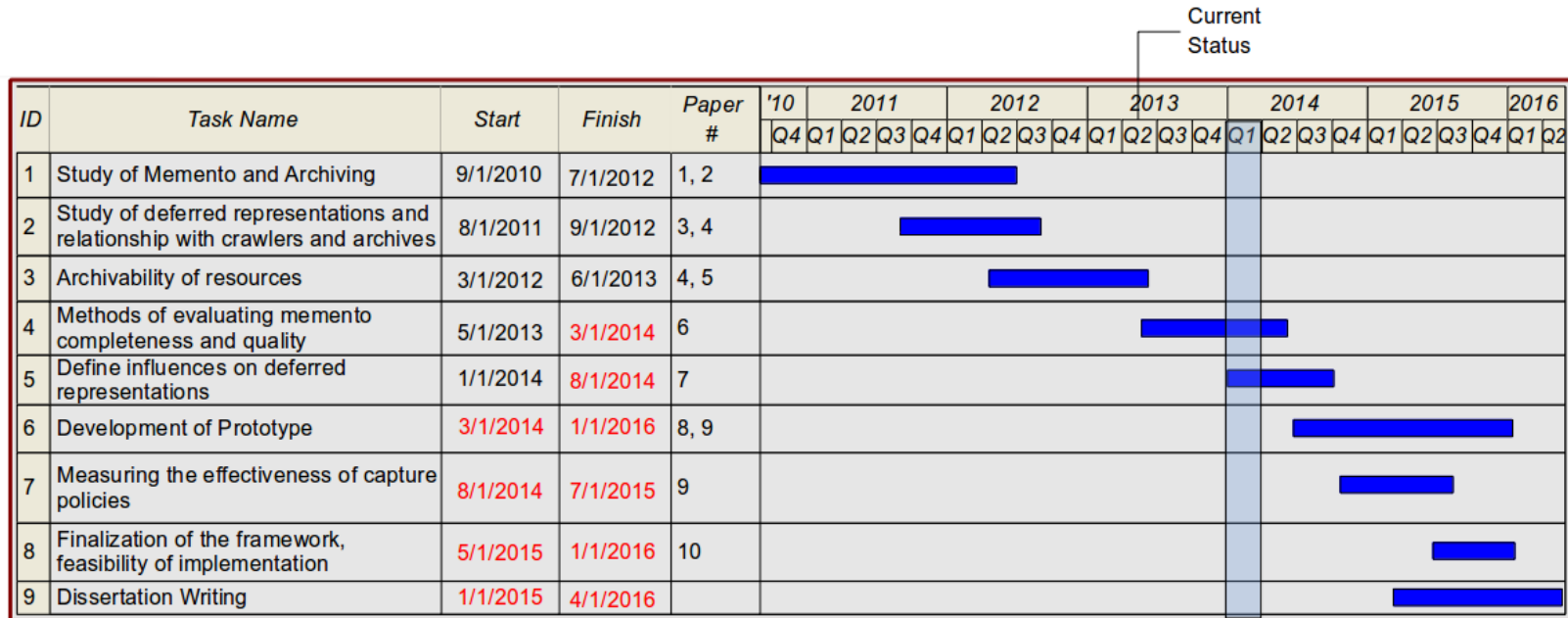
# Example Extra Projects

- OpenSearch Feature
  - All posts; within/between channels
  - Compare and measure f-measure of FULLTEXT, LIKE, etc.
- Incorporate bot commands
  - Document, describe, usage, etc.
  - Initiated by the '/' character in the text box
- Mobile site presence
  - Mobile determination (m.XXX, adaptive design, etc.) up to student
  - Mobile alerts
- 2FA
- Recommended channels
  - MUST discuss decisions regarding recommendations, algorithms, etc.
  - MUST use math/equations for the approach

# For Assignment 1 Late-Finishers...

- Provide me your Dev plan and Gantt chart by 4:19 PM EST next week
- Provide a description of your Milestone 1 development plan, feature roll-out, schedule, and test plan
- List anticipated development time

# Example



Req	Development milestone	Timeline	Test Plan
1	Successfully display the index.php page with login screen	09/15	...
1	Successfully query the groups table and join with users table	09/16	Query on CLI, first
10	Successfully query for the lists and iteratively write them to html	09/18	Query on CLI, first