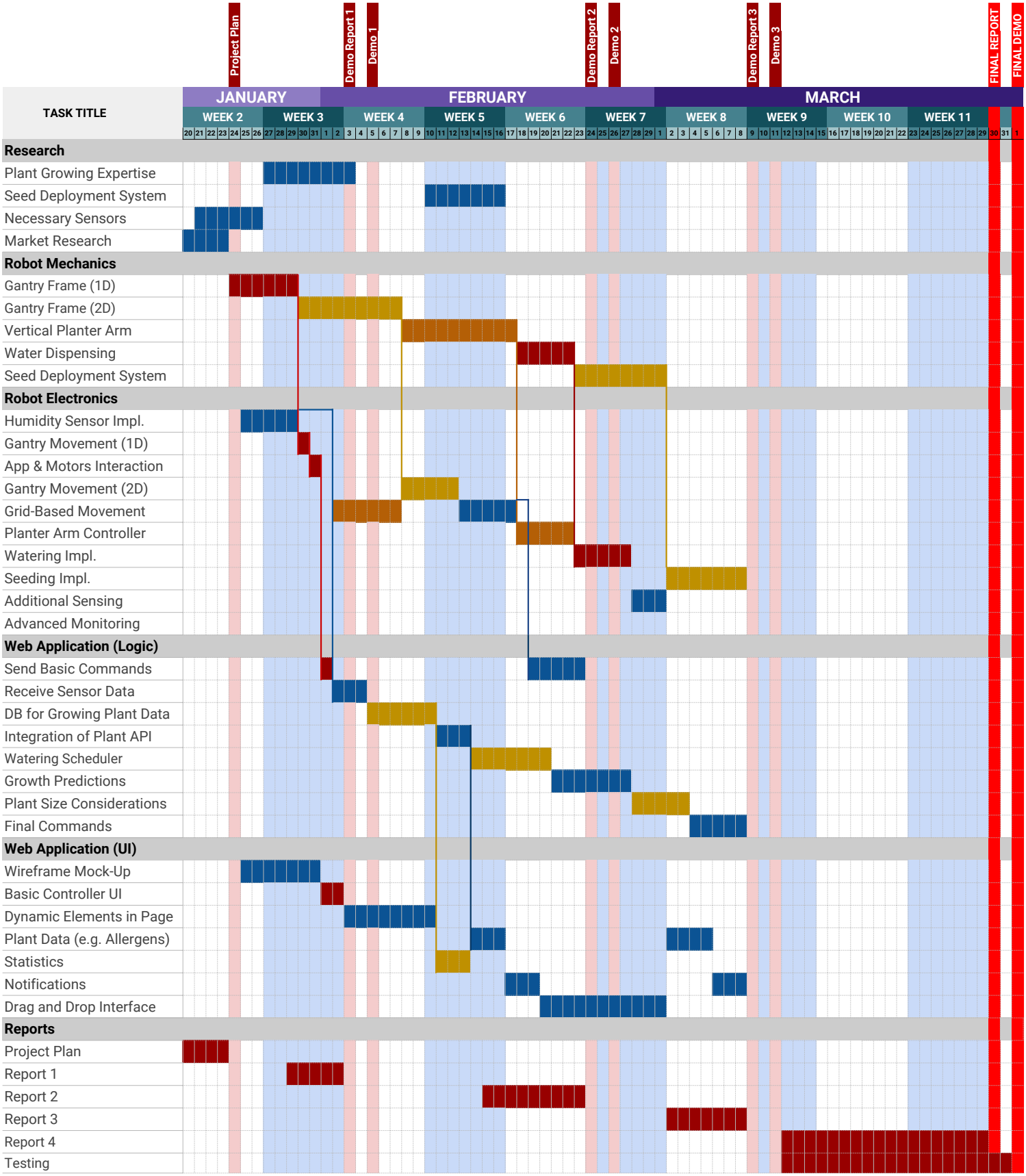
Project Plan
Demo Report 1
Demo 1
Demo Report 2
Demo 2
Demo Report 3
Demo 3
FINAL REPORT
FINAL DEMO
TASK TITLE
JANUARY
FEBRUARY
MARCH
WEEK 2
WEEK 3
WEEK 4
WEEK 5
WEEK 6
WEEK 7
WEEK 8
WEEK 9
WEEK 10
WEEK 11
Research
Plant Growing Expertise
Seed Deployment System
Necessary Sensors
Market Research
Robot Mechanics
Gantry Frame (1D)
Gantry Frame (2D)
Vertical Planter Arm
Water Dispensing
Seed Deployment System
Robot Electronics
Humidity Sensor Impl.
Gantry Movement (1D)
App & Motors Interaction
Gantry Movement (2D)
Grid-Based Movement
Planter Arm Controller
Watering Impl.
Seeding Impl.
Additional Sensing
Advanced Monitoring
Web Application (Logic)
Send Basic Commands
Receive Sensor Data
DB for Growing Plant Data
Integration of Plant API
Watering Scheduler
Growth Predictions
Plant Size Considerations
Final Commands
Web Application (UI)
Wireframe Mock-Up
Basic Controller UI
Dynamic Elements in Page
Plant Data (e.g. Allergens)
Statistics
Notifications
Drag and Drop Interface
Reports
Project Plan
Report 1
Report 2
Report 3
Report 4
Testing