Owner : Dept of Civil Enigneering

| Milestone 2 Milestone 3 Milestone 4 Milestone 5 Milestone 6 | | Project Start Date 3/15/2 Project Lead Dr.Kusha | 2019 (Friday) an Wijesundara | Display | / Week | 1 | Week 1 Week 2 Week 3 Week 4 Week 5 Week 6 Week 7 11 Mar 2019 18 Mar 2019 25 Mar 2019 1 Apr 2019 8 Apr 2019 15 Apr 2019 22 Apr 2019 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 3 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 28 27 28 28 28 28 |
|--|-----|---|---------------------------------|-------------|--------|------|--|
| Discussion with the civil department Fili 1919 The 32019 7 1009 | WBS | TASK | START | END | DAYS | | |
| Milestone 2 | 1 | Milestone 1 | | - | | | |
| Structure level (Assembling the Matrix) | 1.1 | Discussion with the civil department | Fri 3/15/19 | Thu 3/21/19 | 7 | 100% | |
| Element level (Per element: section resisting force & updated section stiffness) | 2 | Milestone 2 | | - | | | |
| 2 resisting force & updated section stiffness) 3 Section level(Material Model Structure) 4 Learning Algorithem 4 Thu 32/119 Thu 32/819 8 100% 5 Structure level (Making newton rapson for force increment) 5 Structure level (Making newton rapson for force increment) 5 Structure level (Making newton rapson for force increment) 6 Structure level (Making newton rapson for force increment) 7 Thu 32/819 Thu 4/04/19 8 75% 6 Section level(Defining standard material models) 7 Thu 32/819 Thu 4/04/19 8 75% 7 Structure level : Linear Analysis 7 Thu 4/04/19 Thu 4/11/19 8 100% 7 Structure level : Linear Analysis 7 Thu 4/04/19 Thu 4/11/19 8 100% 7 Structure level : Linear Analysis 7 Thu 4/04/19 Thu 4/11/19 8 100% 7 Structure level : Linear Analysis 7 Thu 4/11/19 Thu 4/11/19 8 100% 7 Structure level (Making newton rapson for force increment) 7 Structure level (Making newton rapson for force increment) 8 Structure level : Linear Analysis 7 Thu 4/11/19 Thu 4/11/19 8 100% 7 Structure level (Making newton rapson for force increment) 8 Structure level (Making newton rapson for force increment) 9 Thu 4/11/19 Thu 4/11/19 8 100% 9 Section level (Assemble and execute section level algorithem) 9 Section level (assemble and tinal execution) 9 Thu 4/11/19 Thu 4/11/19 Thu 4/11/19 8 0% 9 Section level (Assemble and final execution) 9 Thu 4/11/19 Thu 4/11/19 Thu 4/11/19 8 0% 9 Section level (Assemble and final execution) 9 Thu 4/11/19 Thu 4/11/19 Thu 4/11/19 8 0% 9 Section level (Assemble and final execution) 9 Thu 4/11/19 Thu 4/11/19 Thu 4/11/19 8 0% 9 Section level (Assemble and final execution) 9 Thu 4/11/19 Thu 4/11/19 Thu 4/11/19 8 0% 9 Section level (Assemble and final execution) 9 Thu 4/11/19 Thu 4/11/19 Thu 4/11/19 8 0% 9 Section level (Assemble and final execution) 9 Thu 4/11/19 Thu 4/11/19 Thu 4/11/19 8 0% 9 Section level (Assemble and final execution) 9 Thu 4/11/19 Thu 4/11/19 Thu 4/11/19 8 0% 9 Section level (Assemble and final execution) 9 Thu 4/11/19 Thu 4/11/19 Thu 4/11/19 8 0% | 2.1 | Structure level(Assembling the Matrix) | Thu 3/21/19 | Thu 3/28/19 | 8 | 100% | |
| Learning Algorithem Thu 3/24/19 Thu 3/28/19 Thu 4/04/19 S Tous | 2.2 | | Thu 3/21/19 | Thu 3/28/19 | 8 | 100% | |
| Milestone 3 1. Structure level (Making newton rapson for force increment) 2. Element level(Calculate Updated element striffness) 3. Section level(Defining standard material models) 4. Learning Algorithem milestone 4 3. Structure level: Linear Analysis 4. Learning Algorithem milestone 4 3. Structure level: Linear Analysis 4. Thu 4/04/19 Thu 4/11/19 8 100% 5. Section level(Elinear Analysis 6. Thu 4/04/19 Thu 4/11/19 8 100% 7. Structure level: Linear Analysis 7. Thu 4/04/19 Thu 4/11/19 8 100% 7. Milestone 5 7. Structure level(merging all inputs, outputs and process) 7. Structure level (assemble and execute section level algorithem) 7. Structure level (assemble and final execution) 7. Thu 4/11/19 Thu 4/18/19 8 0% 7. Milestone 6 7. Milestone 6 7. Milestone 6 7. Milestone 1 Thu 4/18/19 Fi 5/31/19 44 0% | 2.3 | Section level(Material Model Structure) | Thu 3/21/19 | Thu 3/28/19 | 8 | 100% | |
| 1 Structure level (Making newton rapson for force increment) 2 Element level(Calculate Updated element stiffness) 3 Section level(Defining standard material models) 4 Learning Algorithem Thu 3/28/19 Thu 4/04/19 8 75% 4 Learning Algorithem Thu 3/28/19 Thu 4/04/19 8 100% 5 Section level : Linear Analysis Thu 4/04/19 Thu 4/11/19 8 100% 6 Section level: Linear Analysis Thu 4/04/19 Thu 4/11/19 8 100% 6 Section level: Linear Analysis Thu 4/04/19 Thu 4/11/19 8 100% 6 Section level: Linear Analysis Thu 4/04/19 Thu 4/11/19 8 100% 6 Section level: Linear Analysis Thu 4/04/19 Thu 4/11/19 Thu 4/11/19 8 100% 6 Section level: Linear Analysis Thu 4/04/19 Thu 4/11/19 Thu 4/ | 2.4 | | Thu 3/21/19 | Thu 3/28/19 | 8 | 100% | |
| Force increment | 3 | Milestone 3 | | - | | | |
| Section level(Defining standard material models) | 3.1 | | Thu 3/28/19 | Thu 4/04/19 | 8 | 75% | |
| Milestone 4 | 3.2 | | Thu 3/28/19 | Thu 4/04/19 | 8 | 75% | |
| Milestone 4 | 3.3 | | Thu 3/28/19 | Thu 4/04/19 | 8 | 75% | |
| 1. Structure level: Linear Analysis 1. Structure level: Linear Analysis 2. Section level: Linear Analysis 3. Fiber level: Linear Analysis 4. Milestone 5 7. Thu 4/04/19 7. Thu 4/11/19 7. Thu 4/11/19 7. Thu 4/18/19 7. | 3.4 | | Thu 3/28/19 | Thu 4/04/19 | 8 | 75% | |
| 2. Section level: Linear Analysis Thu 4/04/19 Thu 4/11/19 8 100% Fiber level: Linear Analysis Milestone 5 Thu 4/04/19 Thu 4/11/19 8 100% Structure level(merging all inputs,outputs and process) Thu 4/11/19 Thu 4/18/19 8 0% Element level (assemble and execute section level algorithem) Thu 4/11/19 Thu 4/18/19 8 0% Milestone 6 Milestone 6 1 Optimization of Structure level Thu 4/18/19 Fri 5/31/19 44 0% | 4 | Milestone 4 | | - | | | |
| Fiber level: Linear Analysis Milestone 5 Thu 4/04/19 Thu 4/11/19 8 100% Structure level(merging all inputs,outputs and process) Thu 4/11/19 Thu 4/18/19 8 0% Element level (assemble and execute section level algorithem) Thu 4/11/19 Thu 4/18/19 8 0% Section level(assemble and final execution) Thu 4/11/19 Thu 4/18/19 8 0% Milestone 6 Thu 4/18/19 Fri 5/31/19 44 0% Optimization of Section level Thu 4/18/19 Fri 5/31/19 44 0% | 4.1 | Structure level : Linear Analysis | Thu 4/04/19 | Thu 4/11/19 | 8 | 100% | |
| Milestone 5 1 Structure level(merging all inputs,outputs and process) Thu 4/11/19 Thu 4/18/19 8 0% Element level (assemble and execute section level algorithem) Thu 4/11/19 Thu 4/18/19 8 0% Milestone 6 Optimization of Structure level Thu 4/18/19 Fri 5/31/19 44 0% Thu 4/18/19 Fri 5/31/19 44 0% | 4.2 | · | Thu 4/04/19 | Thu 4/11/19 | 8 | 100% | |
| Structure level(merging all inputs,outputs and process) Thu 4/11/19 Thu 4/18/19 8 0% Element level (assemble and execute section level algorithem) Thu 4/11/19 Thu 4/18/19 8 0% Section level(assemble and final execution) Thu 4/11/19 Thu 4/18/19 8 0% Milestone 6 Thu 4/18/19 Fri 5/31/19 44 0% Optimization of Section level Thu 4/18/19 Fri 5/31/19 44 0% | 4.3 | | Thu 4/04/19 | | 8 | 100% | |
| and process) Element level (assemble and execute section level algorithem) Thu 4/11/19 Thu 4/18/19 8 0% Section level(assemble and final execution) Thu 4/11/19 Thu 4/18/19 8 0% Milestone 6 Optimization of Structure level Thu 4/18/19 Fri 5/31/19 44 0% Optimization of Section level Thu 4/18/19 Fri 5/31/19 44 0% | 5 | Milestone 5 | | - | | | |
| section level algorithem) Thu 4/11/19 Thu 4/18/19 8 0% Milestone 6 Optimization of Structure level Thu 4/18/19 Fri 5/31/19 44 0% Optimization of Section level Thu 4/18/19 Fri 5/31/19 44 0% | 5.1 | | Thu 4/11/19 | Thu 4/18/19 | 8 | 0% | |
| Milestone 6 - 1 Optimization of Structure level Thu 4/18/19 Fri 5/31/19 44 0% 2 Optimization of Section level Thu 4/18/19 Fri 5/31/19 44 0% | 5.2 | | Thu 4/11/19 | Thu 4/18/19 | 8 | 0% | |
| .1 Optimization of Structure level Thu 4/18/19 Fri 5/31/19 44 0% .2 Optimization of Section level Thu 4/18/19 Fri 5/31/19 44 0% | 5.3 | Section level(assemble and final execution) | Thu 4/11/19 | Thu 4/18/19 | 8 | 0% | |
| .1 Optimization of Structure level Thu 4/18/19 Fri 5/31/19 44 0% .2 Optimization of Section level Thu 4/18/19 Fri 5/31/19 44 0% | | | | | | | |
| .2 Optimization of Section level Thu 4/18/19 Fri 5/31/19 44 0% | 6 | Milestone 6 | | - | | | |
| · · | 6.1 | Optimization of Structure level | Thu 4/18/19 | Fri 5/31/19 | 44 | 0% | |
| .3 Optimization of Fiber level Thu 4/18/19 Fri 5/31/19 44 0% | 6.2 | Optimization of Section level | Thu 4/18/19 | Fri 5/31/19 | 44 | 0% | |
| | 6.3 | Optimization of Fiber level | Thu 4/18/19 | Fri 5/31/19 | 44 | 0% | |