# #0001 =====

|  |  |
| --- | --- |
| Title | Login |
| Type | Function - Backend |
| Desc | User is able to login according to credentials.  Redirect to login page if not login.  To be done after #0007 |
| Status | Completed, July 14, 2019 |

# #0002 =====

|  |  |
| --- | --- |
| Title | Dominion new board |
| Type | Function - Backend |
| Desc | User is able to create a new board. |
| Status | Completed, July 16, 2019 |

# #0003 =====

|  |  |
| --- | --- |
| Title | Dominion initialize game |
| Type | Function - Backend - Frontend |
| Desc | The game is initialized.  Kindom piles are generated. (completed)  Users’ decks are generated. |
| Status | Completed, July 21, 2019 |

# #0004 =====

|  |  |
| --- | --- |
| Title | Dominion play action cards |
| Type | Function - Backend - Frontend |
| Desc | User is able to play 2 basic action cards.  Namely: Village, Smithy |
| Status | Completed, July 30, 2019 |

# #0005 =====

|  |  |
| --- | --- |
| Title | Dominion play cards |
| Type | Image generator |
| Desc | Generate all card images in base game and intrigue  Put the generated cards in the correct directory |
| Status | Completed, July 4, 2019 |

# #0006 =====

|  |  |
| --- | --- |
| Title | Fix Dominion card images |
| Type | Image generator |
| Desc | Beautify card images by adding a new line after vanilla benefits, namely:  Militia, Council Room, Courtier |
| Status | Completed, July 17, 2019 |

# #0007 =====

|  |  |
| --- | --- |
| Title | User status |
| Type | Function - Backend - Database |
| Desc | Add status for users in database |
| Status | Completed, July 8, 2019 |

# #0008 =====

|  |  |
| --- | --- |
| Title | Ajax Demos |
| Type | Function - Backend - Database |
| Desc | The page is refreshed automatically when db changes |
| Status | Completed, July 29, 2019 |

# #0009 =====

|  |  |
| --- | --- |
| Title | Dominion play treasure cards |
| Type | Function - Backend - Frontend |
| Desc | User is able to play treasure cards. |
| Status | Completed, July 29, 2019 |

# #0010 =====

|  |  |
| --- | --- |
| Title | Dominion show number of cards left |
| Type | Frontend |
| Desc | Number of cards left on supply is shown |
| Status | completed |

# #0011 =====

|  |  |
| --- | --- |
| Title | Dominion card style in angular |
| Type | Frontend |
| Desc | Base piles and supply piles’ styles are stored in angular code  An array is created for ng-style |
| Status | Completed, August 19, 2019 |

# #0012 =====

|  |  |
| --- | --- |
| Title | Dominion right click cards effect |
| Type | Frontend |
| Desc | User is able to see the magnified cards picture by right-clicking on cards |
| Status | Alternative, Completed August 19, 2019 |

# #0013 =====

|  |  |
| --- | --- |
| Title | User signup |
| Type | Function - Backend - Frontend - Database |
| Desc | Sign up user, with username and password.  The signed up user is stored in db. |
| Status | Completed, July 14, 2019 |

# #0014 =====

|  |  |
| --- | --- |
| Title | Dominion see board status |
| Type | Function - Backend - Frontend - Database |
| Desc | User is able to see the status of each pending boards  User is able to join the table |
| Status | Completed, August 13, 2019 |

# #0015 =====

|  |  |
| --- | --- |
| Title | Dominion board settings |
| Type | Function - Backend - Frontend - Database |
| Desc | User is able to add bots.  User is able to click on ready/play.  User is able to return to previous page. |
| Status | Completed, July 17, 2019 |

# #0016 Dominion card list page

|  |  |
| --- | --- |
| Title | Dominion card list page |
| Type | Function - Backend - Frontend - Database |
| Desc | User is able to see all available cards (Started) |
| Status | Working |

# #0017 =====

|  |  |
| --- | --- |
| Title | Dominion show player status |
| Type | Function - Backend - Frontend - Database |
| Desc | User is able to see the status of all players on board page (namely: ready) |
| Status | Completed, August 15, 2019 |

# #0018 =====

|  |  |
| --- | --- |
| Title | Dominion resign option |
| Type | Function - Backend - Frontend - Database |
| Desc | User is able to resign game  When resigned, return to board page |
| Status | Completed, July 18, 2019 |

# #0019 =====

|  |  |
| --- | --- |
| Title | Dominion randomize kindom cards |
| Type | Function - Backend - Frontend - Database |
| Desc | When a new game is started, kindom cards are generated randomly |
| Status | Completed, August 8, 2019 |

# #0020 =====

|  |  |
| --- | --- |
| Title | Dominion randomize bot names |
| Type | Function - Backend - Frontend - Database |
| Desc | Bot names are generated  (bot) should be included in their name |
| Status | Completed, July 20, 2019 |

# #0021 =====

|  |  |
| --- | --- |
| Title | Dominion show phase & bonus |
| Type | Function - Backend - Frontend - Database |
| Desc | User is able to see the phase they are in (action, buy, etc.) (Completed)  User is able to see their bonuses, namely: actions, buys, coins. (Completed) |
| Status | Completed, July 28, 2019 |

# #0022 =====

|  |  |
| --- | --- |
| Title | Dominion more basic action cards |
| Type | Function - Backend - Frontend |
| Desc | User is able to play other straight forward action cards  Namely:  Market, Woodcutter, Laboratory, Festival |
| Status | Pending |

# #0023 =====

|  |  |
| --- | --- |
| Title | Dominion change player storage |
| Type | Function - Backend - Frontend |
| Desc | Players are stored in separate documents |
| Status | Completed, July 25, 2019 |

# #0024 =====

|  |  |
| --- | --- |
| Title | Dominion buy cards |
| Type | Function - Backend - Frontend |
| Desc | Players are able to buy cards |
| Status | Completed, July 30, 2019 |

# #0025 =====

|  |  |
| --- | --- |
| Title | Dominion start first round |
| Type | Function - Backend - Frontend |
| Desc | Players are able to start first round (Completed)  A player is picked randomly for the start player (Completed) |
| Status | Completed, July 26, 2019 |

# #0026 =====

|  |  |
| --- | --- |
| Title | Dominion kick option for lord |
| Type | Function - Backend - Frontend |
| Desc | Lord is able to kick other players (including bot) |
| Status | Completed, July 27, 2019 |

# #0027 =====

|  |  |
| --- | --- |
| Title | Dominion extremely naive AI |
| Type | Function - Backend - Frontend |
| Desc | AI end their turns immediately when it is their turn |
| Status | Completed, July 27, 2019 |

# #0028 =====

|  |  |
| --- | --- |
| Title | Dominion run the game |
| Type | Function - Backend - Frontend |
| Desc | Let the game run, start from the first player |
| Status | Completed, July 28, 2019 |

# #0029 =====

|  |  |
| --- | --- |
| Title | Dominion record logs |
| Type | Function - Backend - Frontend |
| Desc | Each step of the game is recorded in a log  Log is stored in db |
| Status | Completed, August 3, 2019 |

# #0030 =====

|  |  |
| --- | --- |
| Title | Dominion basic AI |
| Type | Function - Backend - Frontend |
| Desc | AI does something basic during the turn, namely:  Play treasure cards  Buy Silver/Gold  Buy Province/Duchy when necessary |
| Status | Completed, August 3, 2019 |

# #0031 =====

|  |  |
| --- | --- |
| Title | Dominion adjust pile sizes |
| Type | Function - Backend - Frontend |
| Desc | Adjust the number of Province, Duchy, Estate, Curse cards in piles |
| Status | Completed, July 29, 2019 |

# #0032 =====

|  |  |
| --- | --- |
| Title | Dominion resign-restart bug |
| Type | Function - Backend - Frontend |
| Desc | Remove player data when resigned from the game  Namely, data for the pile |
| Status | Completed, July 29, 2019 |

# #0033 Dominion game mode UI

|  |  |
| --- | --- |
| Title | Dominion game mode UI |
| Type | Frontend |
| Desc | Beautify UI for the game |
| Status | Pending |

# #0034 =====

|  |  |
| --- | --- |
| Title | Dominion autoplay |
| Type | Function - Backend - Frontend |
| Desc | User is able to autoplay treasure cards |
| Status | Completed, August 2, 2019 |

# #0035 =====

|  |  |
| --- | --- |
| Title | Dominion show played cards |
| Type | Frontend |
| Desc | Players can see their cards in play |
| Status | Completed, August 18, 2019 |

# #0036 =====

|  |  |
| --- | --- |
| Title | Dominion end game handles |
| Type | Frontend |
| Desc | Game ends when a player ends the turn, Province/3 piles are empty (Completed)  Clean the table  Show the result  Gardens is added as one of the piles in Dominion |
| Status | Completed, August 1, 2019 |

# #0037 =====

|  |  |
| --- | --- |
| Title | Dominion bot clean-up bugs |
| Type | Function - Frontend -Backend - Database |
| Desc | Bot does not draw cards at the very beginning |
| Status | Completed, August 2, 2019 |

# #0038 Dominion allow 3, 4 players game

|  |  |
| --- | --- |
| Title | Dominion allow 3, 4 players game |
| Type | Function - Frontend -Backend - Database |
| Desc | Lord is able to set up the number of players in the game |
| Status | Pending |

# #0039 =====

|  |  |
| --- | --- |
| Title | Show current username on page |
| Type | Function - Frontend |
| Desc | User is able to see their usernames on top of the page |
| Status | Completed, August 4, 2019 |

# #0040 =====

|  |  |
| --- | --- |
| Title | Dominion handle empty pile |
| Type | Function - Frontend -Backend - Database |
| Desc | No strange thing would happen if a pile is empty |
| Status | Completed, July 31, 2019 |

# #0041 =====

|  |  |
| --- | --- |
| Title | Dominion some easy action cards |
| Type | Function - Backend - Frontend |
| Desc | User is able to play some easy action cards that do not need to choose anything Namely:  Merchant, Council Room |
| Status | Completed, August 9, 2019 |

# #0042 =====

|  |  |
| --- | --- |
| Title | Dominion ask options |
| Type | Function - Backend - Frontend |
| Desc | Ask is handled for some that require only options, namely:  Moneylender, Vassal |
| Status | Completed, August 5, 2019 |

# #0043 =====

|  |  |
| --- | --- |
| Title | Dominion ask hand chooser |
| Type | Function - Backend - Frontend |
| Desc | Ask is handled for some that require to choose one or more cards, namely:  Cellar, Chapel, Poacher, Throne Room |
| Status | Completed, August 8, 2019 |

# #0044 =====

|  |  |
| --- | --- |
| Title | Dominion ask gainer |
| Type | Function - Backend - Frontend |
| Desc | Ask is handled for some that require gaining cards, namely:  Workshop, Artisan, Remodel, Mine |
| Status | Completed, August 8, 2019 |

# #0045 =====

|  |  |
| --- | --- |
| Title | Dominion ask viewer |
| Type | Function - Backend - Frontend |
| Desc | Ask is handled for some that require viewing and choosing cards, namely:  Library, Sentry, Harbinger |
| Status | Completed, August 11, 2019 |

# #0046 =====

|  |  |
| --- | --- |
| Title | Dominion ask attacker |
| Type | Function - Backend - Frontend |
| Desc | Ask is handled for some that attacks or interact with attack cards, namely:  Bandit(Dropped), Militia, Witch, Bureaucrat, Moat |
| Status | Completed, August 12, 2019 |

# #0047 Dominion Ajax getting board

|  |  |
| --- | --- |
| Title | Dominion Ajax getting board |
| Type | Function - Backend - Frontend |
| Desc | Board is updated through Ajax requests |
| Status | Working |

# #0048 =====

|  |  |
| --- | --- |
| Title | Dominion show logs |
| Type | Function - Frontend |
| Desc | User is able to see their logs on the right side of game mode page |
| Status | Completed, August 23, 2019 |

# #0049 =====

|  |  |
| --- | --- |
| Title | Dominion show discard |
| Type | Function - Frontend |
| Desc | User is able to see the first card of their discard pile |
| Status | Completed, August 15, 2019 |

# #0050 =====

|  |  |
| --- | --- |
| Title | Dominion ask restrictions |
| Type | Function - Frontend |
| Desc | User is not able to choose certain cards if specified |
| Status | Completed, August 8, 2019 |

# #0051 Dominion Ask reaction card

|  |  |
| --- | --- |
| Title | Dominion ask reaction card |
| Type | Function - Frontend |
| Desc | User is asked when reaction is triggered |
| Status | Pending |

# #0052 Dominion sound effect

|  |  |
| --- | --- |
| Title | Dominion sound effect |
| Type | Function - Frontend |
| Desc | Sound effects are played when playing certain cards |
| Status | Pending |

# #0053 =====

|  |  |
| --- | --- |
| Title | Dominion BGM Demo |
| Type | Function - Frontend |
| Desc | BGM is played during the game |
| Status | Pending |

# #0054 =====

|  |  |
| --- | --- |
| Title | Dominion easy Intrigue cards |
| Type | Function - Backend - Frontend |
| Desc | Some “easy” cards in Intrigue is added  Finished:  Shanty Town, Duke, Harem, Steward, Nobles, Pawn, Trading Post, Upgrade, Baron, Ironworks, Courtyard, Patrol, Conspirator, Lurker, Courtier |
| Status | Completed, August 25, 2019 |

# #0055 Dominion price reducer

|  |  |
| --- | --- |
| Title | Dominion price reducer |
| Type | Function - Backend - Frontend |
| Desc | Price is reduced when playing price reducer  Add Bridge |
| Status | Pending |

# #0056 =====

|  |  |
| --- | --- |
| Title | Dominion update Base card image |
| Type | Function - Frontend |
| Desc | Base card images are updated |
| Status | Completed, August 13, 2019 |

# #0057 =====

|  |  |
| --- | --- |
| Title | Dominion auto next-phase |
| Type | Function - Backend - Frontend |
| Desc | Player is transfered to next phase automatically when needed, namely:  Goes to treasure phase when no action available/no action cards  Goes to buy phase when no treasure in hand  End turn when no buy available |
| Status | Completed, August 19, 2019 |

# #0058 =====

|  |  |
| --- | --- |
| Title | Dominion show supply available |
| Type | Function - Frontend |
| Desc | Show cards in supply available to choose when buy/gain/choose cards |
| Status | Completed, August 24, 2019 |

# #0059 =====

|  |  |
| --- | --- |
| Title | Dominon fix ThroneRoom-Attack bug |
| Type | Function - Backend - Frontend - Bugfix |
| Desc | FIx the bug when an attack is throned  Other players are not suffered by the attack |
| Status | Completed, August 19, 2019 |

# #0060 =====

|  |  |
| --- | --- |
| Title | Dominon show num of cards in deck |
| Type | Function - Backend - Frontend |
| Desc | The number of cards left on deck is shown |
| Status | Completed, August 15, 2019 |

# #0061 =====

|  |  |
| --- | --- |
| Title | Dominon Duration cards |
| Type | Function - Backend - Frontend |
| Desc | Add Duration cards handle, add “easy” Duration cards, namely:  Fishing Village, Caravan, Merchant Ship, Tactician, Wharf |
| Status | Completed, August 24, 2019 |

# #0062 =====

|  |  |
| --- | --- |
| Title | Dominon refactor logs |
| Type | Function - Backend |
| Desc | Add specific logs for existed cards |
| Status | Completed, August 20, 2019 |

# #0063 =====

|  |  |
| --- | --- |
| Title | Dominon show trash |
| Type | Function - Frontend |
| Desc | Trash piles can be shown |
| Status | Completed, August 24, 2019 |

# #0064 Dominion multiplayer demo

|  |  |
| --- | --- |
| Title | Dominon multiplayer demo |
| Type | Function - Frontend - Backend |
| Desc | Try multiplayer games |
| Status | Pending |

# #0065 =====

|  |  |
| --- | --- |
| Title | Dominon choose cards for game |
| Type | Function - Frontend - Backend |
| Desc | User can specify cards included in a game  User can specify which expansion is included for randomize in a game |
| Status | Completed, August 25, 2019 |

# #0066 =====

|  |  |
| --- | --- |
| Title | Dominon add Seclusion Mat |
| Type | Function - Frontend - Backend |
| Desc | Seclusion Mat is included in game  Add cards include:  Exile, Temple Fair, Lantern Exhibition |
| Status | Completed, August 22, 2019 |

# #0067 Dominion easy Oriental cards

|  |  |
| --- | --- |
| Title | Dominon easy Oriental Cards |
| Type | Function - Frontend - Backend |
| Desc | Some “easy” cards in Oriental is added  Todo:  Year Monster, Firework Show  Completed:  Corrupted Official, Dragon Boat, Tomb Sweeping |
| Status | Working |

# #0068 Dominion game end bugs fix

|  |  |
| --- | --- |
| Title | Dominon game end bugs fix |
| Type | Function - Frontend - Backend |
| Desc | Fix some bugs for game end, namely:  End the game when user buys the last card for game end.  Clean trash & logs  Reset kindom cards |
| Status | Pending |

# #0069 Dominion player mat display

|  |  |
| --- | --- |
| Title | Dominon player mat display |
| Type | Function - Frontend - Backend |
| Desc | Players can see their mats and cards on mats |
| Status | Pending |

# #0070 Dominion Memorial token

|  |  |
| --- | --- |
| Title | Dominon Memorial token |
| Type | Function - Frontend - Backend |
| Desc | Player can see Memorial tokens they have & use Memorial tokens  Add cards that uses Memorial token, namely:  Executioner, Quadrangle, Field Reaper, Paper Maker, Think Tank |
| Status | Pending |

# #0071 =====

|  |  |
| --- | --- |
| Title | Dominon LAN trial |
| Type | Function - Frontend - Backend |
| Desc | Computer in the same LAN can visit the site  Update goto functions in js file. |
| Status | Completed, August 23, 2019 |

# #0072 =====

|  |  |
| --- | --- |
| Title | Dominon LAN join table |
| Type | Function - Frontend - Backend |
| Desc | User is able to join table  Ajax should be used to get users in dominion board page |
| Status | Pending |

# #0073 Dominion login redirect

|  |  |
| --- | --- |
| Title | Dominon login redirect |
| Type | Function - Frontend - Backend |
| Desc | User is redirect to table/game when they are in table/game |
| Status | Pending |

# #0074 Dominion LAN ready button

|  |  |
| --- | --- |
| Title | Dominon LAN ready button |
| Type | Function - Frontend - Backend |
| Desc | Ready button is handled for multi-players  The status of a user is ready or not should be shown on board |
| Status | Pending |

# #0075 Dominion separate phase button

|  |  |
| --- | --- |
| Title | Dominon separate phase button |
| Type | Function - Frontend - Backend |
| Desc | Phase button is separated from other buttons |
| Status | Pending |

# #0076 Dominion fix No buffer space available

|  |  |
| --- | --- |
| Title | Dominon fix No buffer space available |
| Type | Function - Frontend - Backend |
| Desc | java.net.SocketException: No buffer space available (maximum connections reached?): connect |
| Status | Pending |

# #0077 Dominion Ask single option

|  |  |
| --- | --- |
| Title | Dominon Ask single option |
| Type | Function - Frontend - Backend |
| Desc | Some cards have single option, namely:  Mining Village, Mills |
| Status | Pending |

# #0078 Dominion easy Seaside cards

|  |  |
| --- | --- |
| Title | Dominon easy Oriental Cards |
| Type | Function - Frontend - Backend |
| Desc | Some “easy” cards in Seaside is added  Todo:  Haven, Lighthouse, Native Village, Pearl Diver, Lookout, Smugglers, Navigator, Salvager, Treasure Map, Bazaar, Explorer, Treasury  Completed:  Warehouse, Island |
| Status | Pending |

# #0079 Dominion easy Prosperity cards

|  |  |
| --- | --- |
| Title | Dominon easy Oriental Cards |
| Type | Function - Frontend - Backend |
| Desc | Some “easy” cards in Prosperity is added  Todo:  Trade Route, Monument, Worker’s Village, City, Expand, Forge, King’s Court |
| Status | Pending |

# #0080 Dominion Ask guess

|  |  |
| --- | --- |
| Title | Dominon Ask guess |
| Type | Function - Frontend - Backend |
| Desc | Some cards asks to guess cards, namely:  Wishing well |
| Status | Pending |

# #0081 =====

|  |  |
| --- | --- |
| Title | Dominon vanilla log |
| Type | Function - Frontend - Backend |
| Desc | Add logs for vanilla bonuses |
| Status | Completed, August 24, 2019 |

# #0082 Dominion Throne Room fix

|  |  |
| --- | --- |
| Title | Dominon Throne Room fix |
| Type | Function - Frontend - Backend |
| Desc | Refactor ways to throne cards, especially for Duration cards |
| Status | Pending |

# #0083 Dominion Ask view piles

|  |  |
| --- | --- |
| Title | Dominon Ask guess |
| Type | Function - Frontend - Backend |
| Desc | Viewing piles are allowed. The following cards should be refactored:  Harbinger, Lurker, Tomb Sweeping |
| Status | Pending |

# #0084 Dominion refactor CardFactory

|  |  |
| --- | --- |
| Title | Dominon Ask guess |
| Type | Function - Frontend - Backend |
| Desc | Use for loop to generate Cards |
| Status | Pending |