Jane & John

Are getting married
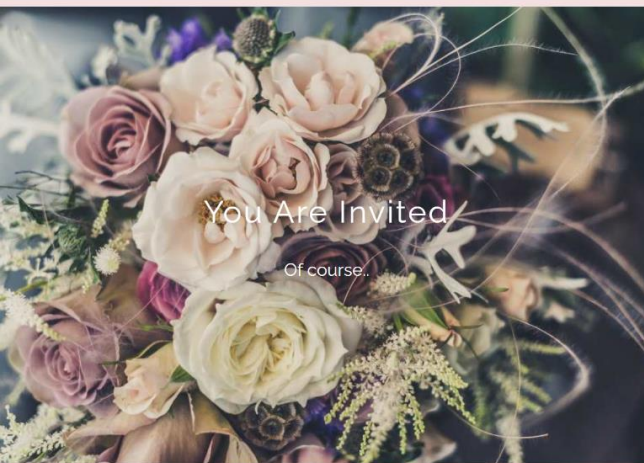
17.07.2017

Jane & John

You all know us. And we all know you. We are getting married lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Wedding Details

You Are Invited

Of course..

THE WEDDING

When

Wedding Ceremony - 2:00pm

Reception & Dinner - 5:00pm

Where

Some place, an address

Some where, some address

HOPE YOU CAN MAKE IT!

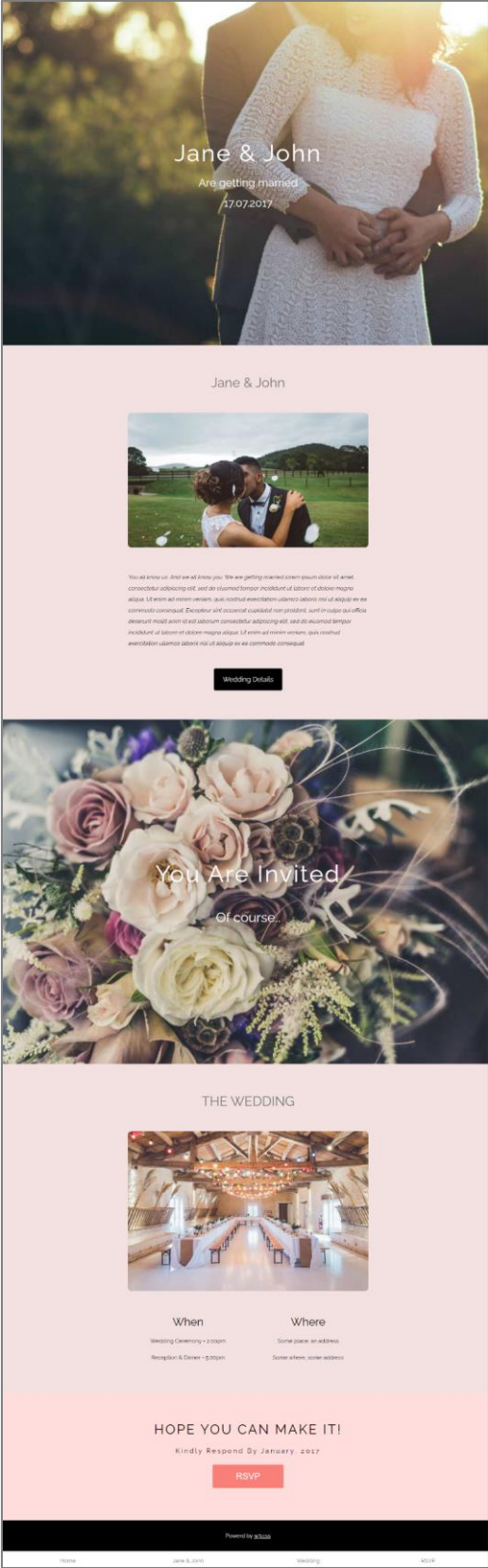Kindly Respond By January, 2017

RSVP

클론코딩 - 04
Wedding homepage

서보선

1. 최종 결과물

헤더 배너

메인 콘텐츠 1

메인 콘텐츠 2

메인 콘텐츠 3

Footer, 네비게이션 메뉴

2. DOM Tree

HTML Console 창에 DOM Tree를 출력하기 위한 코드

```html
<script type="module">
        import exploreDom from './js/Dom.js';

        const body = document.querySelector('body');
        const i = exploreDom(body);
        console.log(i);
    </script>
```
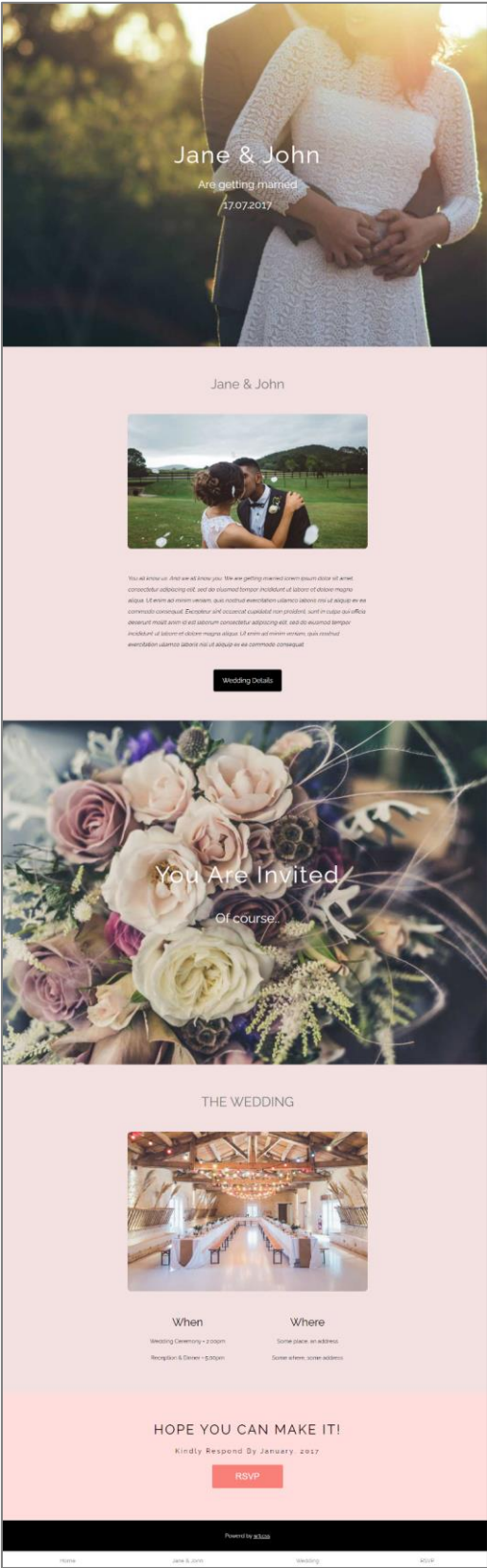
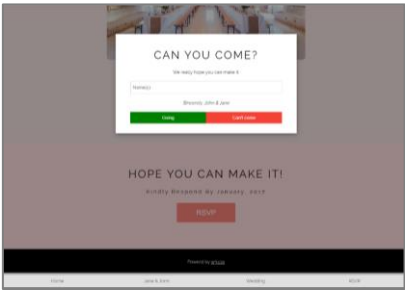**// HTML 본문의 body(최상위) element를 참조한 모듈 함수에 넣어준다**

```javascript
let lineNumber = 0;

function exploreDom(ancestor) {
    lineNumber++;
    if (ancestor.children) {
        console.group(`<${ancestor.tagName}>`);
        Array.from(ancestor.children).forEach(v => {
            exploreDom(v);
        });
        console.groupEnd();
    } else {
        console.log(ancestor.tagName);
        return lineNumber;
    }

    return lineNumber;
}

export default exploreDom;
```

// children -> 자식 요소가 있다면 console.group( ) 후 재귀(하단 깊이 재탐색)

2. DOM Tree 전체 상위 구조


```
▼ <BODY>
    ▶ <HEADER>
    ▶ <NAV>
    ▼ <ARTICLE>
        ▶ <SECTION>
        ▶ <SECTION>
        ▶ <SECTION>
        ▶ <SECTION>
    ▶ <DIV>
    ▶ <FOOTER>
    ▶ <DIV>
```

Jane & John

Are getting married

17.07.2017

Jane & John

You all know us. And we all know you. We are getting married lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Wedding Details

You Are Invited

Of course.

THE WEDDING

When   Where

Wedding Ceremony • 2:00pm   Some place, an address
Reception & Dinner – 5:00pm   Some where, some address

HOPE YOU CAN MAKE IT!

Kindly Respond By January, 2017

RSVP

Home   Jane & John   Wedding   RSVP

```
▼ <HEADER>
    ▼ <DIV>
        ▼ <H1>
        ▼ <H3>
        ▼ <B>
            ▼ <H3>
    ▼ <NAV>
        ▼ <A>
        ▼ <A>
        ▼ <A>
        ▼ <A>
```

2. DOM Tree Main article – section 1, 2, 3, 4


```
▼ <SECTION>
   ▼ <DIV>
      ▼ <H1>
      ▼ <BR>
      ▼ <H2>
▼ <SECTION>
   ▼ <DIV>
      ▼ <H2>
      ▼ <IMG>
      ▼ <DIV>
         ▼ <DIV>
            ▼ <H3>
            ▼ <P>
            ▼ <P>
         ▼ <DIV>
            ▼ <H3>
            ▼ <P>
            ▼ <P>
▼ <SECTION>
   ▼ <H2>
   ▼ <P>
   ▼ <P>
      ▼ <INPUT>
```
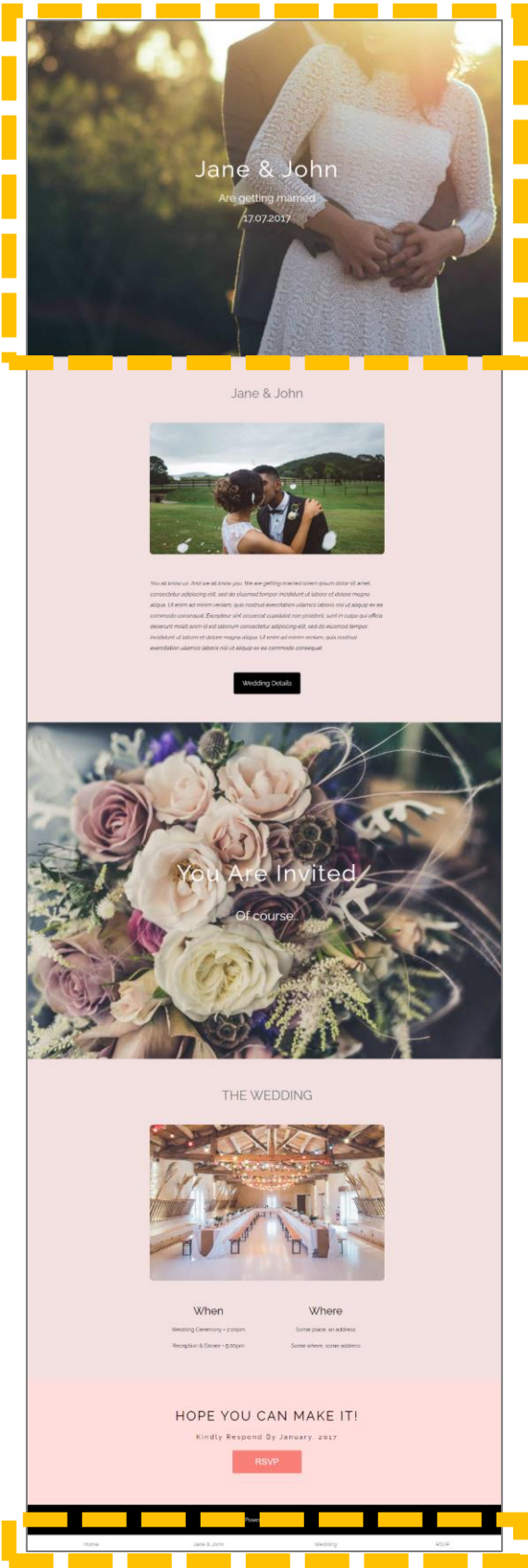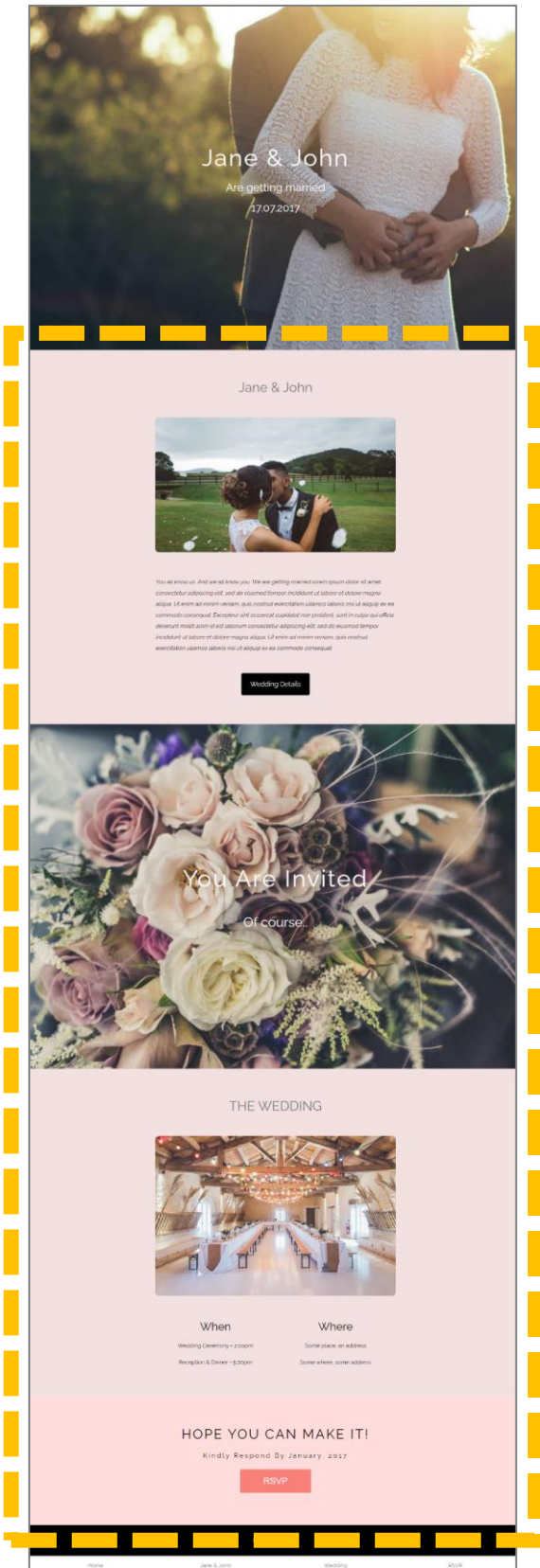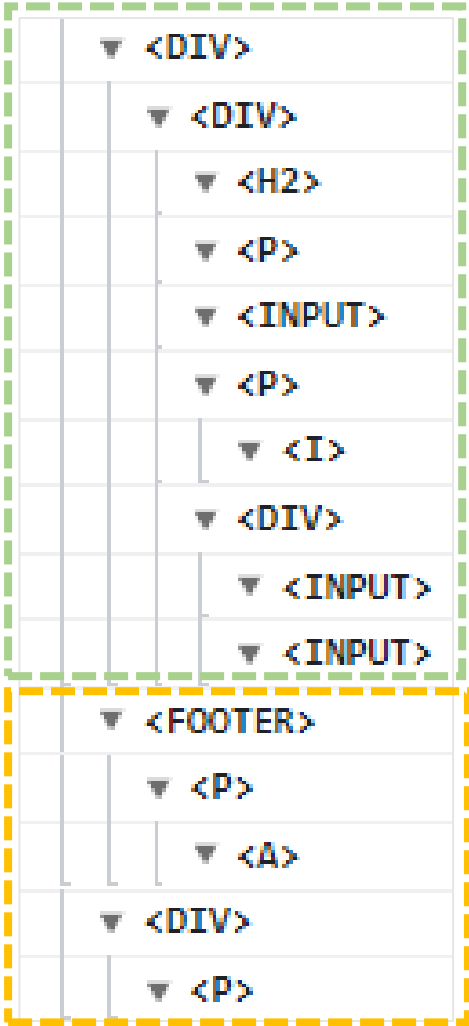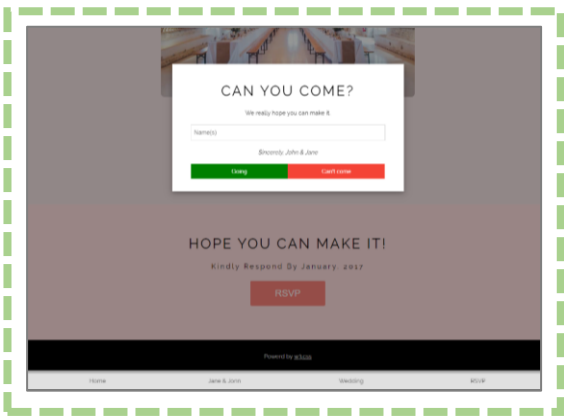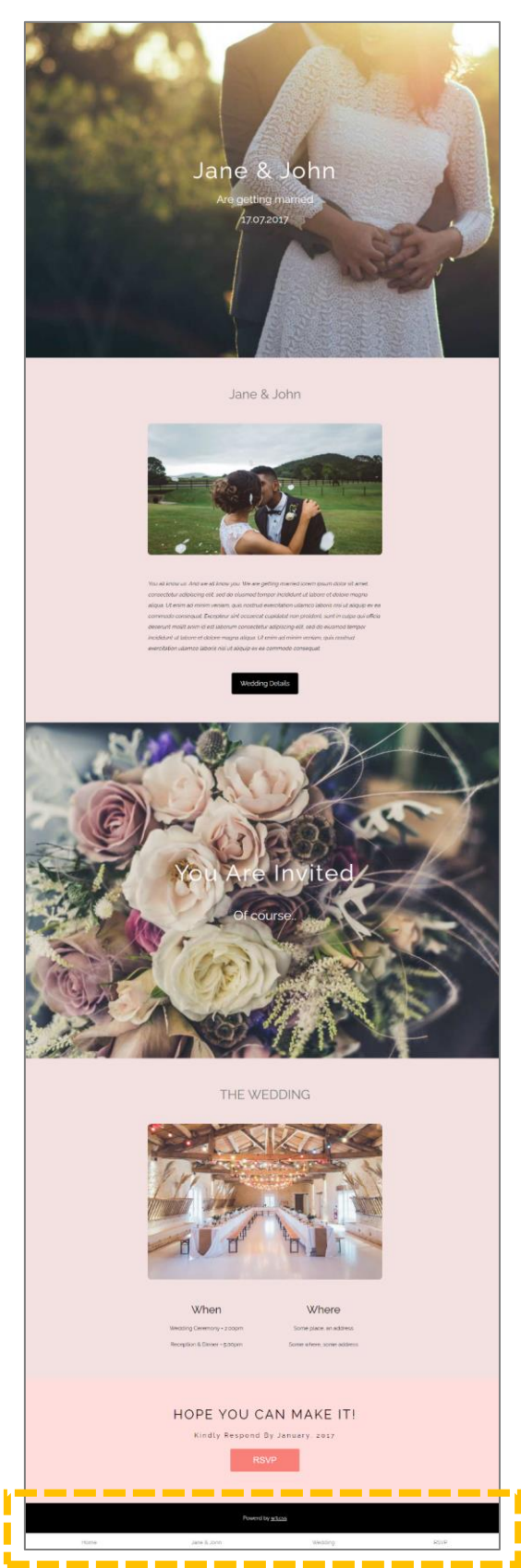
```
▼ <DIV>
    ▼ <DIV>
        ▼ <H2>
        ▼ <P>
        ▼ <INPUT>
        ▼ <P>
            ▼ <I>
        ▼ <DIV>
            ▼ <INPUT>
            ▼ <INPUT>
    ▼ <FOOTER>
        ▼ <P>
            ▼ <A>
    ▼ <DIV>
        ▼ <P>
```

3. CSS 공통

```scss
1   @import './reset.scss';
2   @import './variables.scss';
3   @import './responsive.scss';
4
5   @import url('https://fonts.googleapis.com/css2?family=Raleway:wght@300;400;600&display=swap');
6   @font-face {
7       font-family: 'Raleway', sans-serif;
8       src: url('https://fonts.googleapis.com/css2?family=Raleway:wght@400&display=swap');
9       font-weight: 400;
10  }
11
12  /* Common style */
13  body {
14      width: 100%;
15      font-family: 'Raleway', sans-serif;
16      font-size: $fs;
17      line-height: 1.5;
18      box-sizing: border-box;
19  }
20
21  h1, h2, h3{
22      font-weight: 400;
23      margin: $hm 0;
24      @include mobile {
25          margin: $hm-m 0;
26      }
27  }
28
29  h1 { font-size: $h1; letter-spacing: 4px; }
30  h2 { font-size: $h2; }
31  h3 { font-size: $h3; }
32  @include tablet {
33      h1 { font-size: $h1-t; }
34      h2 { font-size: $h2-t; }
35      h3 { font-size: $h3-t; }
36  }
37  @include mobile {
38      h1 { font-size: $h1-m; }
39      h2 { font-size: $h2-m; }
40      h3 { font-size: $h3-m; }
41  }
42
43  p {
44      margin: $cmu 0;
45      @include mobile {
46          margin: ($cmu - 5px) 0;
47      }
48  }
49
50  a {
51      color: $black;
52  }
```

// 각 태그들에 공통 적용되는 font-size 등의 속성

3. CSS 반응형 media query @mixin, @include

// 반응형 웹을 위한 @mixin media query

```scss
1  /** Desktop-first written */
2  $bp-t: 1024px;
3  $bp-m: 768px;
4
5  @mixin tablet {
6      @media screen and (max-width: #{$bp-t - 1px}) and (min-width: #{$bp-m}) {
7          @content;
8      }
9  }
10
11 @mixin mobile {
12     @media screen and (max-width: #{$bp-m - 1px}) {
13         @content;
14     }
15 }
```

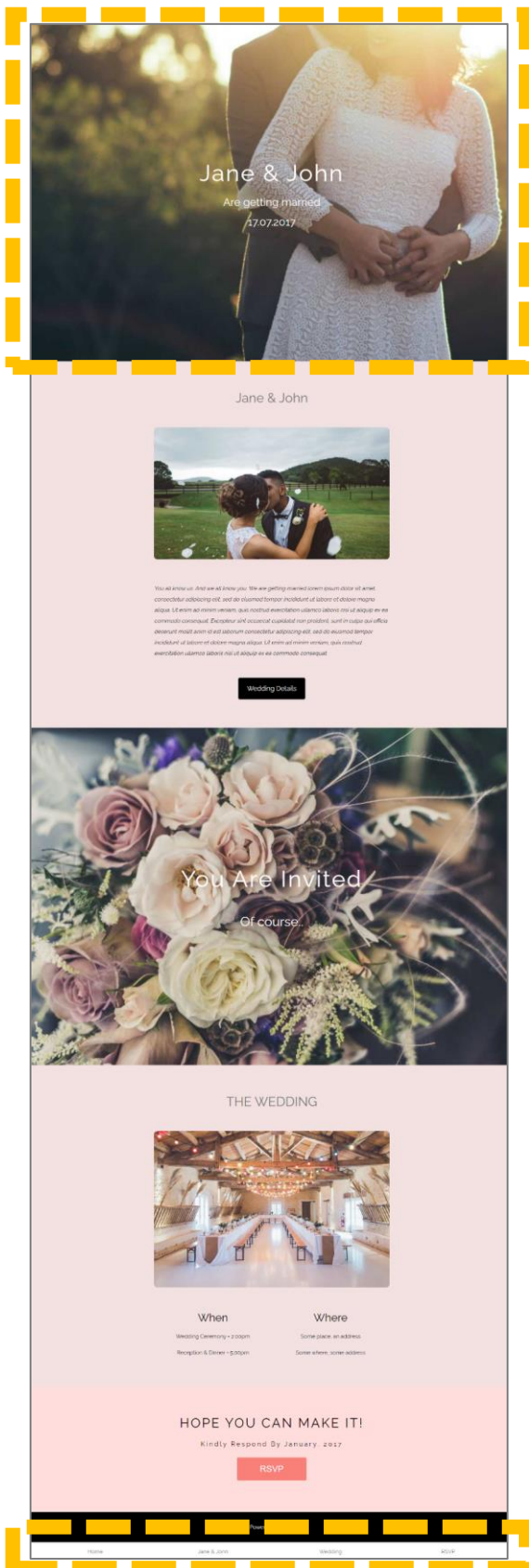## // 간단하게 필요한 것만 작성한 reset.css

```css
1  * {
2      margin: 0;
3      padding: 0;
4  }
5
6  body {
7      position: relative;
8  }
9
10 ol, ul {
11     list-style: none;
12 }
13
14 a {
15     text-decoration: none;
16 }
17
18 article, aside, details, figcaption, figure,
19 footer, header, hgroup, nav, menu, section {
20     display: block;
21     box-sizing: border-box;
22 }
```

// 통합 변수 variables.scss

```scss
1  /* Common Colors */
2  $powederPink: #f2e1e1;
3  $softPink: #ffdddd;
4  $softRed: #f88078;
5  $white: #fff;
6  $black: #000;
7  $gray: #ccc;
8  $darkGray: #757575;
9  $green: #4CAF50;
10 $red: #f44336;
11
12 $cmu: 15px; // Common margin unit;
13 $cpu: 8px; // Common padding unit
14
15 /**
16  * Default for Desktop,
17  * vaiable for tablet: <vname>-t,
18  * for mobile: <vname>-m
19  */
20 /* Header tag style */
21 // Header font size
22 $h1: 64px;
23 $h2: 36px;
24 $h3: 30px;
25 $h1-t: 58px;
26 $h2-t: 30px;
27 $h3-t: 24px;
28 $h1-m: 50px;
29 $h2-m: 24px;
30 $h3-m: 18px;
31
32 // Header margin
33 $hm: 10px;
34 $hm-m: 8px;
35
36 /* Paragraph kind tag style */
37 // Font size
38 $fs: 15px;
39 $lfs: 18px; // Large font size
40 $gfs: 24px; // Giant font size
41 $fs-t: 14px;
42 $lfs-t: 17px;
43 $fs-m: 13px;
44 $lfs-m: 16px;
```
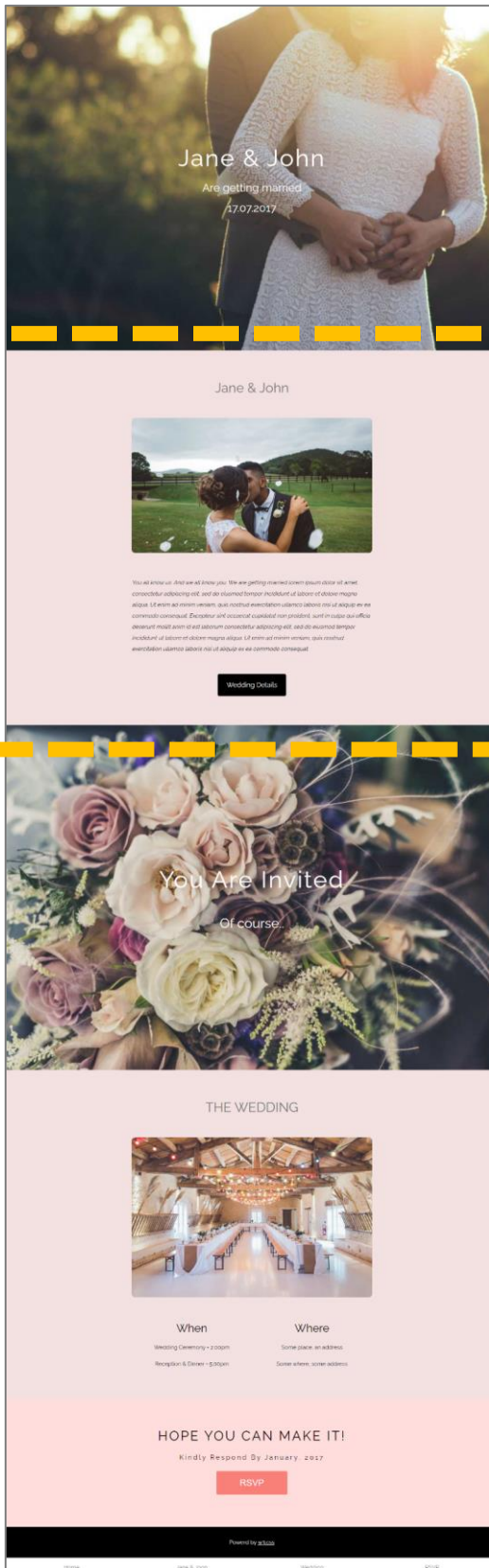
```
1    /* Header */
2    .header {
3        width: 100%;
4        height: 100vh;
5        background: url(../img/wedding_couple.jpg) center/cover no-repeat;
6        position: relative;
7
8        .header__title {
9            margin: auto;
10           text-align: center;
11           color: $white;
12           position: absolute;
13           top: 50%;
14           left: 50%;
15           transform: translate(-50%, -50%);
16       }
17   }
```
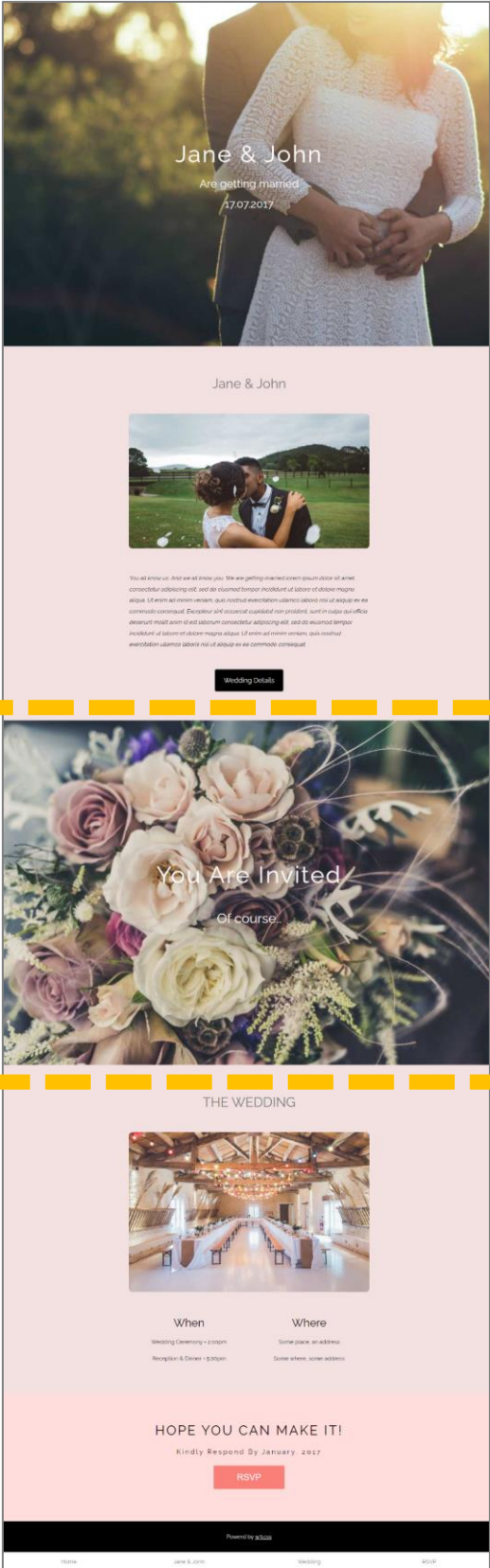
```
1    /* Navigation */
2    .nav {
3        display: flex;
4        flex-direction: row;
5        flex: 1 0 auto;
6        width: 100%;
7        padding: $cpu ($cpu * 2);
8        background-color: white;
9        opacity: 0.7;
10       position: fixed;
11       bottom: 0;
12       left: 0;
13       z-index: 9;
14
15       a {
16           display: block;
17           width: 25%;
18           padding: $cpu ($cpu * 2);
19           @include mobile {
20               padding: $cpu $cpu;
21           }
22           text-align: center;
23
24           &:hover {
25               background-color: $gray;
26               cursor: pointer;
27           }
28
29           &:last-child {
30               &:hover {
31                   background-color: $black;
32                   color: $white;
33               }
34           }
35       }
36
37       &:hover {
38           opacity: 1;
39       }
40
41       @include mobile {
42           display: none;
43       }
44   }
```

3. CSS Article - section 1
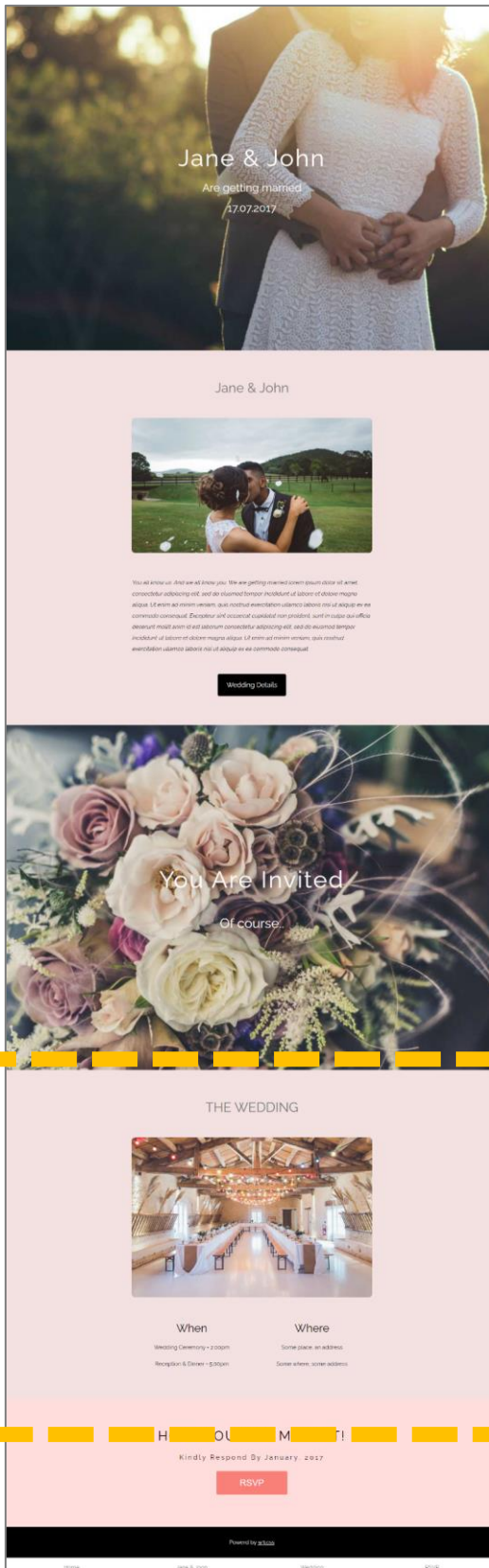


```
1   /* Section 1: Jane & John */
2   .jnj {
3       width: 100%;
4       padding: ($cpu * 8) ($cpu * 2);
5       background-color: $powederPink;
6
7       .jnj__container {
8           width: 50%;
9           max-width: 100%;
10          margin: 0 auto;
11          @include tablet {
12              width: 70%
13          }
14          @include mobile {
15              width: 80%
16          }
17
18          h2 {
19              text-align: center;
20              color: $darkGray;
21          }
22
23          img {
24              width: 100%;
25              margin: ($cmu * 3) 0;
26              border-radius: 10px;
27
28              @include tablet {
29                  margin: ($cmu * 2) 0;
30              }
31              @include mobile {
32                  margin: $cmu 0;
33              }
34          }
35
36          p {
37              line-height: 2;
38
39              &:last-child {
40                  text-align: center;
41              }
42          }
43
44          a {
45              display: inline-block;
46              padding: ($cpu * 1.5) ($cpu * 3);
47              background-color: $black;
48              border: none;
49              border-radius: 4px;
50              font-size: $lfs;
51              color: $white;
52
53              @include mobile {
54                  margin: $cmu auto;
55                  padding: $cpu ($cpu * 2);
56                  font-size: $fs;
57              }
58          }
59      }
60  }
```
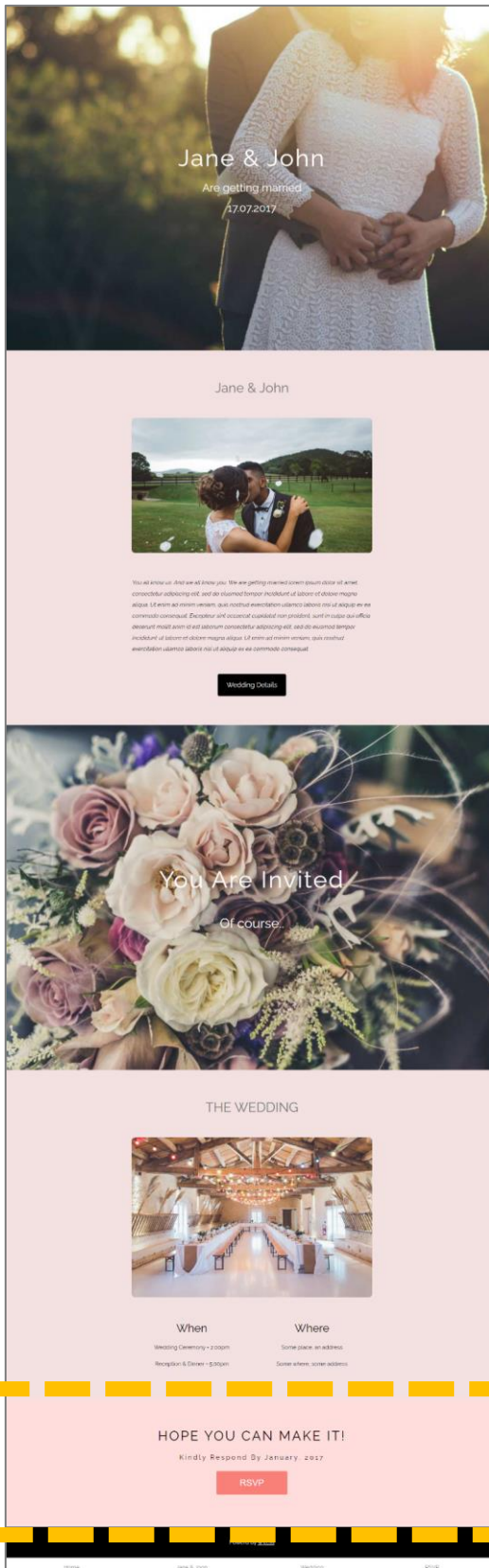
3. CSS   Section - 2


```
/* Section 2: Invite */
.invite {
    width: 100%;
    height: 100vh;
    background: url('../img/flowers.jpg') center/cover no-repeat;
    position: relative;

    .invite__title {
        text-align: center;
        color: $white;

        position: absolute;
        top: 50%;
        left: 50%;
        transform: translate(-50%, -50%);
    }
}
```

3. CSS Section - 3
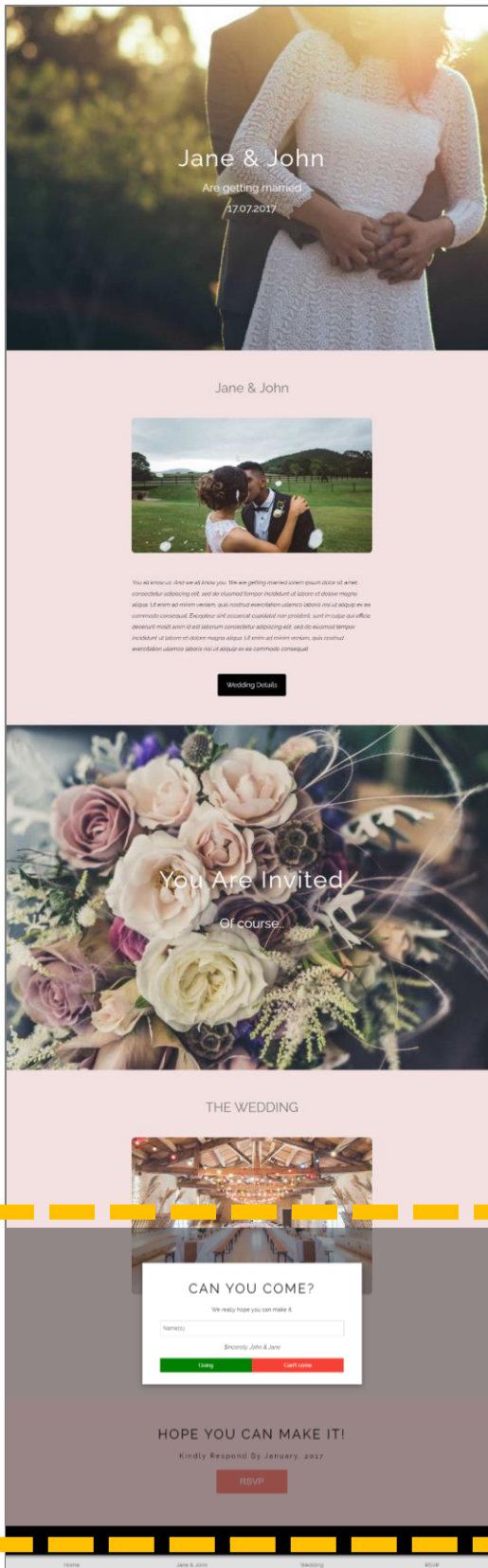


```css
/* Section 3: Wedding */
.wedding {
    width: 100%;
    padding: ($cpu * 8) ($cpu * 2);
    background-color: $powederPink;

    .wedding__container {
        width: 50%;
        max-width: 100%;
        margin: 0 auto;
        @include tablet {
            width: 70%;
        }
        @include mobile {
            width: 80%
        }

        h2 {
            text-align: center;
            color: $darkGray;
        }

        h3 {
            text-align: center;
        }

        img {
            width: 100%;
            margin: ($cmu * 3) 0;
            border-radius: 10px;

            @include tablet {
                margin: ($cmu * 2) 0;
            }
            @include mobile {
                margin: $cmu 0;
            }
        }

        p {
            text-align: center;
            line-height: 2;
        }

        .wedding__info {
            display: flex;
            flex-direction: row;
            flex: 1 0 auto;
            width: 100%;
            @include mobile {
                flex-direction: column;
            }

            .wedding__info__item {
                width: 50%;

                @include mobile {
                    width: 100%;
                }
            }
        }
    }
}
```

3. CSS   Section - 4
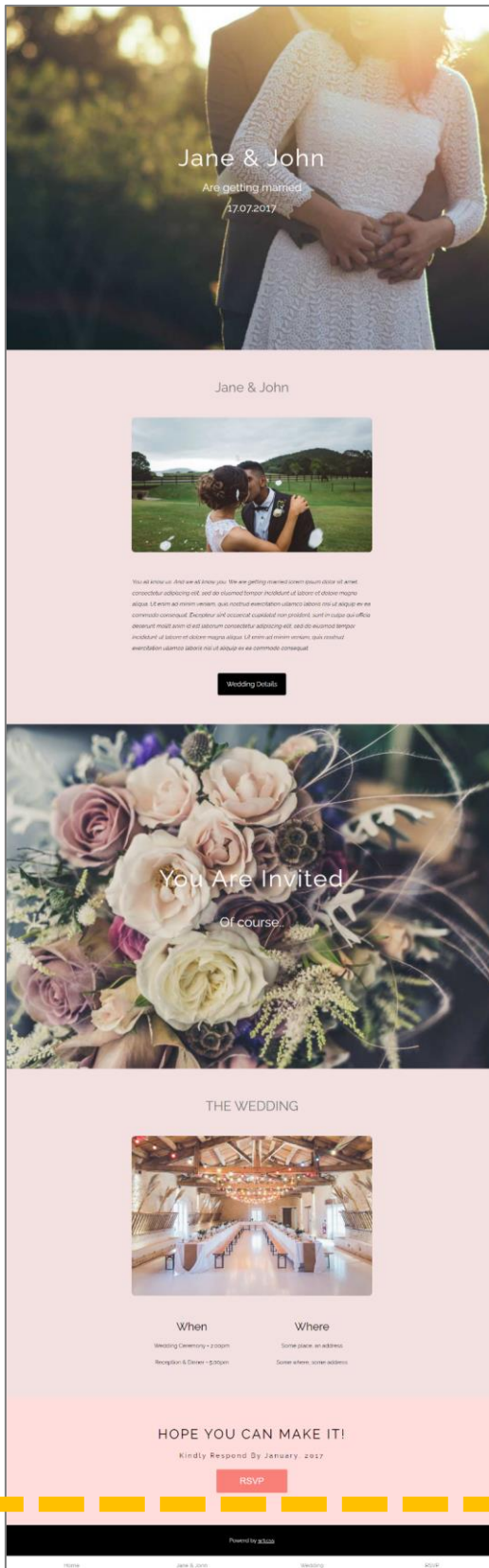


```
1    /* RSVP */
2    .rsvp {
3        width: 100%;
4        padding: ($cpu * 8) ($cpu * 2);
5        background-color: $softPink;
6        text-align: center;
7        letter-spacing: 4px;
8
9        p {
10           margin: ($cmu + 3px) 0;
11           font-size: $lfs;
12           text-align: center;
13
14           @include mobile {
15               margin: $cmu 0;
16               font-size: $fs;
17           }
18
19           &:last-of-type {
20               margin: ($cmu + 9px) 0;
21               font-size: $gfs;
22
23               @include mobile {
24                   margin: ($cmu + 3px) 0;
25                   font-size: $lfs;
26               }
27           }
28
29           input[type="button"] {
30               display: inline-block;
31               font-size: $gfs;
32               padding: $cpu ($cpu * 8);
33               background-color: $softRed;
34               border: none;
35               border-radius: 4px;
36               color: $white;
37               line-height: 2;
38
39               &:hover {
40                   cursor: pointer;
41                   background-color: $gray;
42                   color: $black;
43               }
44           }
45       }
46   }
```

3. CSS Floating form


```
1   /* Floating join box */
2   .join-box {
3       display: none;
4       width: 100%;
5       height: 100%;
6       padding: ($cpu * 12) 0;
7       background-color: rgba(0, 0, 0, 0.4);
8       position: fixed;
9       top: 0;
10      left: 0;
11      z-index: 1;
12  }
13  .join {
14      width: 500px;
15      max-width: 900px;
16      margin: auto;
17      padding: ($cpu * 4) ($cpu * 6);
18      background-color: $white;
19      box-shadow: 0 4px 10px 0 rgb(0 0 0 / 20%), 0 4px 20px 0 rgb(0 0 0 / 19%);
20      text-align: center;
21
22      animation: zoomAppear 0.6s;
23      @keyframes zoomAppear {
24          0% {
25              transform: scale(0);
26          }
27          100% {
28              transform: scale(1);
29          }
30      }
31
32      h2 {
33          letter-spacing: 4px;
34      }
35
36      p {
37          line-height: 2;
38      }
39
40      input[type="text"] {
41          width: 100%;
42          padding: $cpu;
43          border: 1px solid $gray;
44          box-sizing: border-box;
45          font-size: $fs;
46          line-height: 1.5;
47      }
48
49      @include mobile {
50          width: 300px;
51          max-width: 400px;
52          padding: ($cpu * 2) ($cpu * 4);
53      }
54
55      .join__response {
56          width: 100%;
57          display: flex;
58          flex-direction: row;
59          flex: 1 1 auto;
60
61          input[type="button"] {
62              width: 49.99%;
63              padding: $cpu ($cpu * 2);
64              border: none;
65              font-size: $fs;
66              color: $white;
67              line-height: 1.5;
68
69              &:first-child {
70                  background-color: green;
71              }
72              &:last-child {
73                  background-color: $red;
74              }
75
76              &:hover {
77                  cursor: pointer;
78                  background-color: $gray;
79                  color: $black;
80              }
81          }
82      }
83  }
```

3. CSS Footer

// .ba → 맨 밑 〈nav〉와 겹치는 공간을
밀어 올려주기 위한 〈div〉

```scss
1   /* Footer */
2   .footer {
3       width: 100%;
4       padding: ($cpu * 2) 0;
5       background-color: $black;
6       color: $white;
7       text-align: center;
8
9       a {
10          color: $white;
11          text-decoration: underline;
12      }
13  }
14
15  /* Empty Bottom Area */
16  .ba {
17      width: 100%;
18      background-color: $white;
19      color: white;
20  }
```

4. JS

```
1   <script type="module">
2       document.querySelector('#rsvp').addEventListener('click', e => {
3           document.querySelector('.join-box').style.display = "block";
4       });
5
6       document.querySelector('#joinBtn1').addEventListener('click', e => {
7           document.querySelector('.join-box').style.display = "none";
8       });
9
10      document.querySelector('#joinBtn2').addEventListener('click', e => {
11          document.querySelector('.join-box').style.display = "none";
12      });
13  </script>
14
15  <script type="module">
16      import dom from './assets/helper/Dom.js';
17
18      dom(document.querySelector('body'));
19  </script>
```

// Floating <div>의 display 및 animaion 효과 처리

5. 작업 소요 시간 및 소감

총 작업 소요 시간: **6시간**

슬슬 scss의 활용이 적응이 되어가고 있습니다.

Animaion의 활용을 통해

더욱 인터렉티브한 웹을 구현 가능할 거라 느꼈습니다.

또한

브라우저 별 호환성과

사이트 콘텐츠에 대한 접근성,

디바이스 별 최적화의 명확한 처리가 필요함을

깊게 깨달았습니다.

감사합니다