Resumen Base de Recursos Bootcamp

```
repositorio/
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│   ├── navbar.html
│   ├── tarjetas.html
│   ├── formularios.html
│   ├── modales.html
│   ├── galeria.html
│   ├── grid.html
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├── css/
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│   ├── animate.min.css
│   ├── fontawesome.min.css
│   ├── style.css
│   └── style.scss
├── js/
│   ├── jquery-3.6.0.min.js
│   ├── popper.min.js
│   ├── bootstrap.bundle.min.js
│   ├── wow.min.js
│   └── script.js
├── fonts/
│   └── OpenSans/
└── README.md
```

1. Plantillas HTML (`html/`)

1.1 `base.html`

```html
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Base Bootcamp</title>
  <link rel="stylesheet" href="../css/bootstrap.min.css">
  <link rel="stylesheet" href="../css/style.css">
```

```
  </head>
  <body>
    <header>
      <nav class="navbar navbar-custom">
        <div class="container">
          <a class="navbar-brand" href="#">Bootcamp</a>
        </div>
      </nav>
    </header>
    <main class="container my-5">
      <h1>Plantilla Base</h1>
      <p>Comenzar aquí con tu proyecto.</p>
    </main>
    <button id="scrollTopBtn" class="btn btn-primary">↑</button>
    <script src="../js/jquery-3.6.0.min.js"></script>
    <script src="../js/bootstrap.bundle.min.js"></script>
    <script src="../js/wow.min.js"></script>
    <script src="../js/script.js"></script>
  </body>
</html>
```

1.2 `navbar.html`

```
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Navbar Bootcamp</title>
  <link rel="stylesheet" href="../css/bootstrap.min.css">
  <link rel="stylesheet" href="../css/style.css">
</head>
<body>
  <nav class="navbar navbar-expand-lg navbar-custom">
    <div class="container">
      <a class="navbar-brand" href="#">Brand</a>
      <button class="navbar-toggler" data-bs-toggle="collapse" data-bs-
target="#menu">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="menu">
        <ul class="navbar-nav ms-auto">
          <li class="nav-item"><a class="nav-link" href="#">Inicio</a></li>
          <li class="nav-item"><a class="nav-link" href="#">Acerca</a></li>
        </ul>
      </div>
```

```
      </div>
    </nav>
  </body>
</html>
```

1.3 `tarjetas.html`

```html
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Tarjetas</title>
  <link rel="stylesheet" href="../css/bootstrap.min.css">
  <link rel="stylesheet" href="../css/style.css">
</head>
<body>
  <div class="container my-5">
    <div class="row g-4">
      <div class="col-md-4">
        <div class="card card-hover">
          <img src="https://via.placeholder.com/300x200" class="card-img-top">
          <div class="card-body">
            <h5 class="card-title">Título</h5>
            <p class="card-text">Texto descriptivo.</p>
            <a href="#" class="btn btn-primary">Acción</a>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```

1.4 `formularios.html`

```html
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Formulario</title>
  <link rel="stylesheet" href="../css/bootstrap.min.css">
  <link rel="stylesheet" href="../css/style.css">
</head>
```

```
<body>
  <div class="container my-5">
    <form id="form">
      <div class="mb-3">
        <label class="form-label" for="nombre">Nombre</label>
        <input type="text" id="nombre" name="nombre" class="form-control">
      </div>
      <div class="mb-3">
        <label class="form-label" for="email">Email</label>
        <input type="email" id="email" name="email" class="form-control">
      </div>
      <button type="submit" class="btn btn-success">Enviar</button>
    </form>
  </div>
</body>
</html>
```

1.5 `modales.html`

```
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Modal</title>
  <link rel="stylesheet" href="../css/bootstrap.min.css">
  <link rel="stylesheet" href="../css/style.css">
</head>
<body>
  <button class="btn btn-primary" data-bs-toggle="modal" data-bs-
target="#modal">Abrir</button>
  <div class="modal fade" id="modal" tabindex="-1">
    <div class="modal-dialog"><div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title">Título</h5>
        <button type="button" class="btn-close" data-bs-dismiss="modal"></
button>
      </div>
      <div class="modal-body">Contenido...</div>
    </div></div>
  </div>
</body>
</html>
```

1.6 `galeria.html`

```html
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Galería</title>
  <link rel="stylesheet" href="../css/bootstrap.min.css">
  <link rel="stylesheet" href="../css/style.css">
</head>
<body>
  <div class="container my-5 row gallery">
    <div class="col-4 mb-3">
      <img src="https://via.placeholder.com/150" data-full-src="https://
via.placeholder.com/600" class="img-fluid" data-bs-toggle="modal" data-bs-
target="#lightbox">
    </div>
  </div>
  <div class="modal fade" id="lightbox" tabindex="-1">
    <div class="modal-dialog modal-dialog-centered"><div class="modal-content
bg-transparent border-0">
      <img src="" class="d-block mx-auto img-fluid">
    </div></div>
  </div>
</body>
</html>
```

1.7 `grid.html`

```html
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Grid</title>
  <link rel="stylesheet" href="../css/bootstrap.min.css">
  <link rel="stylesheet" href="../css/style.css">
</head>
<body>
  <div class="container my-5 row">
    <div class="col-sm-6 col-lg-4 grid-box bg-secondary">1</div>
    <div class="col-sm-6 col-lg-4 grid-box bg-dark">2</div>
    <div class="col-sm-6 col-lg-4 grid-box bg-secondary">3</div>
  </div>
```

```
    </body>
    </html>
```

1.8 `carousel.html`

```html
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Carrusel</title>
  <link rel="stylesheet" href="../css/bootstrap.min.css">
  <link rel="stylesheet" href="../css/style.css">
</head>
<body>
  <div id="carousel" class="carousel slide" data-bs-ride="carousel">
    <div class="carousel-inner">
      <div class="carousel-item active"><img src="https://via.placeholder.com/
800x400" class="d-block w-100"></div>
      <div class="carousel-item"><img src="https://via.placeholder.com/
800x400/555" class="d-block w-100"></div>
    </div>
    <button class="carousel-control-prev" data-bs-target="#carousel" data-bs-
slide="prev"><span class="carousel-control-prev-icon"></span></button>
    <button class="carousel-control-next" data-bs-target="#carousel" data-bs-
slide="next"><span class="carousel-control-next-icon"></span></button>
  </div>
</body>
</html>
```

1.9 `scrollspy.html`

```html
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Scrollspy</title>
  <link rel="stylesheet" href="../css/bootstrap.min.css">
  <link rel="stylesheet" href="../css/style.css">
</head>
<body data-bs-spy="scroll" data-bs-target="#nav" tabindex="0">
  <nav id="nav" class="navbar navbar-light bg-light fixed-top">
    <ul class="nav nav-pills"><li class="nav-item"><a class="nav-link"
href="#s1">S1</a></li><li class="nav-item"><a class="nav-link" href="#s2">S2</
```

```html
a></li></ul>
  </nav>
  <div class="container pt-5">
    <section id="s1" style="height:600px;">Sección 1</section>
    <section id="s2" style="height:600px;">Sección 2</section>
  </div>
</body>
</html>
```

1.10 `footer.html`

```html
<!DOCTYPE html>
<html lang="es">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Footer</title>
  <link rel="stylesheet" href="../css/bootstrap.min.css">
  <link rel="stylesheet" href="../css/style.css">
</head>
<body>
  <footer class="footer-custom">
    © 2025 Bootcamp. Todos los derechos reservados.
  </footer>
</body>
</html>
```

2. Estilos CSS (`css/style.css`)

```css
/* style.css */
body {
  font-family: 'Open Sans', sans-serif;
  background-color: #f5f5f5;
  margin: 0;
}
.navbar-custom { background: #343a40; }
.navbar-custom .navbar-brand, .navbar-custom .nav-link { color: #fff; }
.card-hover:hover { transform: translateY(-5px); box-shadow: 0 4px 12px rgba(0,
0,0,0.15); transition: .3s; }
#scrollTopBtn { position: fixed; bottom:1rem; right:1rem; display:none; }
.footer-custom { background:#212529; color:#ccc; padding:2rem 0; text-
align:center; }
.gallery img { cursor:pointer; transition:.2s; }
```

```
.gallery img:hover { transform:scale(1.05); }
.grid-box { padding:1rem; color:#fff; text-align:center; }
```

3. SCSS (`css/style.scss`)

```scss
$primary:#3490dc; $dark:#222;
@mixin flex-center { display:flex; justify-content:center; align-items:center; }
body { @include flex-center; background:#f5f5f5; }
```

4. Scripts JS (`js/script.js`)

```js
// script.js
$(document).ready(function(){
  if(window.WOW) new WOW().init();
  $('#lightbox').on('show.bs.modal',e=>{ $(e.relatedTarget).data('full-src') &&
$(e.currentTarget).find('img').attr('src',$(e.relatedTarget).attr('data-full-
src')); });
  $('.carousel').carousel({interval:4000});
  var btn=$('#scrollTopBtn'); $(window).scroll(()=>{ $(window).scrollTop()>300?
btn.fadeIn():btn.fadeOut(); }); btn.click(()=>$('html,body').animate({scrollTop:
0},600));
  $('a[href^="#"]').click(e=>{ var t=$($(e.target).attr('href')); if(t.length){
e.preventDefault(); $('html,body').animate({scrollTop:t.offset().top-70},
500);} });
});
```

5. Inclusión de Recursos en HTML

```html
<!-- En <head> de cualquier template -->
<link rel="stylesheet" href="css/bootstrap.min.css">
<link rel="stylesheet" href="css/animate.min.css">
<link rel="stylesheet" href="css/fontawesome.min.css">
<link rel="stylesheet" href="css/style.css">

<!-- Antes de </body> de cualquier template -->
<script src="js/jquery-3.6.0.min.js"></script>
<script src="js/popper.min.js"></script>
<script src="js/bootstrap.bundle.min.js"></script>
```

```
<script src="js/wow.min.js"></script>
<script src="js/script.js"></script>
```

---

6. Plugins y Recursos Adicionales

Tailwind CSS

```
<link href="https://cdn.jsdelivr.net/npm/tailwindcss@2.2.19/dist/
tailwind.min.css" rel="stylesheet">
```

Bulma

```
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bulma@0.9.4/css/
bulma.min.css">
```

Animate On Scroll (AOS)

```
<link href="https://cdn.jsdelivr.net/npm/aos@2.3.4/dist/aos.css"
rel="stylesheet">
<script src="https://cdn.jsdelivr.net/npm/aos@2.3.4/dist/aos.js"></script>
<script>
  AOS.init({ duration: 800 });
</script>
```

Swiper.js (Slider)

```
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/swiper/swiper-
bundle.min.css">
<script src="https://cdn.jsdelivr.net/npm/swiper/swiper-bundle.min.js"></script>
<script>
  new Swiper('.swiper-container', { slidesPerView: 1, spaceBetween: 10, loop:
true });
</script>
```

Axios (AJAX)

```
<script src="https://cdn.jsdelivr.net/npm/axios/dist/axios.min.js"></script>
<script>
// Ejemplo GET
axios.get('https://api.example.com/data')
```

```
  .then(res => console.log(res.data))
  .catch(err => console.error(err));
</script>
```

Chart.js (Gráficos)

```
<script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
<canvas id="chart"></canvas>
<script>
new Chart(document.getElementById('chart'), {
  type: 'line',
  data: { labels: ['A', 'B', 'C'], datasets: [{ label: 'Datos', data: [1,2,
3] }] }
});
</script>
```

Lodash (Utilidades JS)

```
<script src="https://cdn.jsdelivr.net/npm/lodash@4.17.21/lodash.min.js"></
script>
<script>
// Ejemplo de uso
const arr = [1,2,3];
console.log(_.shuffle(arr));
</script>
```

D3.js (Visualizaciones)

```
<script src="https://d3js.org/d3.v7.min.js"></script>
<script>
// Ejemplo simple: seleccionar elemento
d3.select('body').append('p').text('Hola D3');
</script>
```

GSAP (Animaciones)

```
<script src="https://cdn.jsdelivr.net/npm/gsap@3.11.5/dist/gsap.min.js"></
script>
<script>
// Mover un div con id=myDiv
gsap.to('#myDiv', { x: 100, duration: 1 });
</script>
```

date-fns (Fechas)

```html
<script src="https://cdn.jsdelivr.net/npm/date-fns@2.29.3/dist/date-fns.min.js"></script>
<script>
// Ejemplo formateo de fecha
console.log(dateFns.format(new Date(), 'yyyy-MM-dd'));
</script>
```

jQuery Validation (Formularios)

```html
<script src="https://cdn.jsdelivr.net/npm/jquery-validation/dist/jquery.validate.min.js"></script>
<script>
$('form').validate({ rules:{ nombre:{required:true} }, messages:{
nombre:'Requerido' } });
</script>
```

---

7. Comandos Git Básicos Comandos Git Básicos

```
git init
git add .
git commit -m "Estructura Bootcamp completa"
git remote add origin <URL>
git push -u origin main
```

Este resumen incluye **todos** los códigos HTML, CSS, SCSS y JS vistos, más snippets de integración y recursos adicionales. ¡Listo para programar!